



HALEY & ALDRICH, INC.
One Arizona Center
400 E. Van Buren St., Suite 545
Phoenix, AZ 85004
602.760.2450

TECHNICAL MEMORANDUM

12 February 2020
File No. 134160-003

TO: Florence Copper Inc.
Ian Ream, Senior Hydrogeologist

FROM: Haley & Aldrich, Inc.
Mark Nicholls, R.G.

SUBJECT: Mechanical Integrity Testing Summary
Production Test Facility Injection Wells: I-01, I-02, I-03, and I-04
Florence Copper Inc., Florence, Arizona

Introduction

This Technical Memorandum presents the results of mechanical integrity testing of Production Test Facility (PTF) injection wells I-01, I-02, I-03, and I-04 during December 2019 for Florence Copper Inc. (Florence Copper) in Florence, Arizona.

Injection wells I-01, I-02, I-03, and I-04 are located within the Underground Injection Control (UIC) Permitted Area of Review for UIC Permit R9UIC-AZ3-FY11-1 and were completed as Class III injection wells for the PTF (Figure 1).

Florence Copper contracted National Exploration Wells & Pumps to perform the mechanical integrity testing, and Southwest Exploration Services, LLC to perform temperature logs. Haley & Aldrich, Inc. provided oversight during the mechanical integrity testing.

Demonstration of Mechanical Integrity

Florence Copper conducted Part I mechanical integrity testing at the four injection wells by means of a Standard Annular Pressure Test (SAPT) in accordance with Part II.E.3.a.i.A of the UIC Permit. The mechanical integrity tests were performed on the dates listed below:

Well ID	Mechanical Integrity Test Date
I-01	12/10/2019
I-02	12/13/2019
I-03	12/19/2019
I-04	12/15/2019

Completed SAPT forms are included in Appendix A. As-built diagrams are provided in Appendix B.

Temperature Logging Results

Florence Copper completed temperature logging of injection wells I-01, I-02, I-03, and I-04. Temperature runs were completed at least 4 hours apart after the wells had been shut in for 24 hours. The temperature logs are included in Appendix C. Daily average flow rates for the injection and recovery wells, and daily average water level elevations for the recovery and observation wells, are provided in Appendix D for the days temperature logs were conducted.

Conclusions

Each of the four injection wells passed mechanical integrity testing. Results of the tests are presented in the completed SAPT forms (Appendix A).

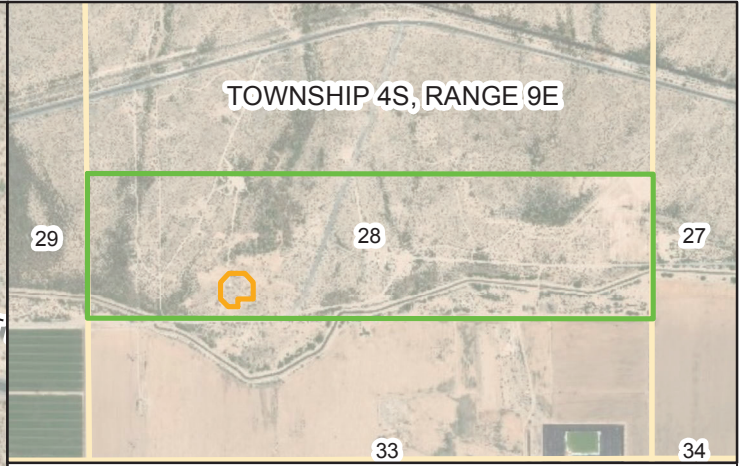
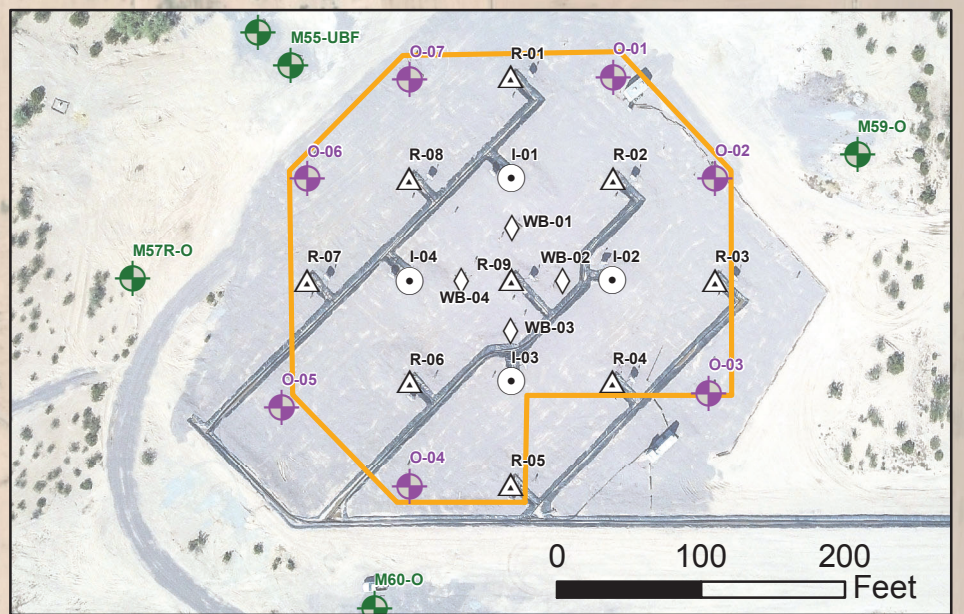
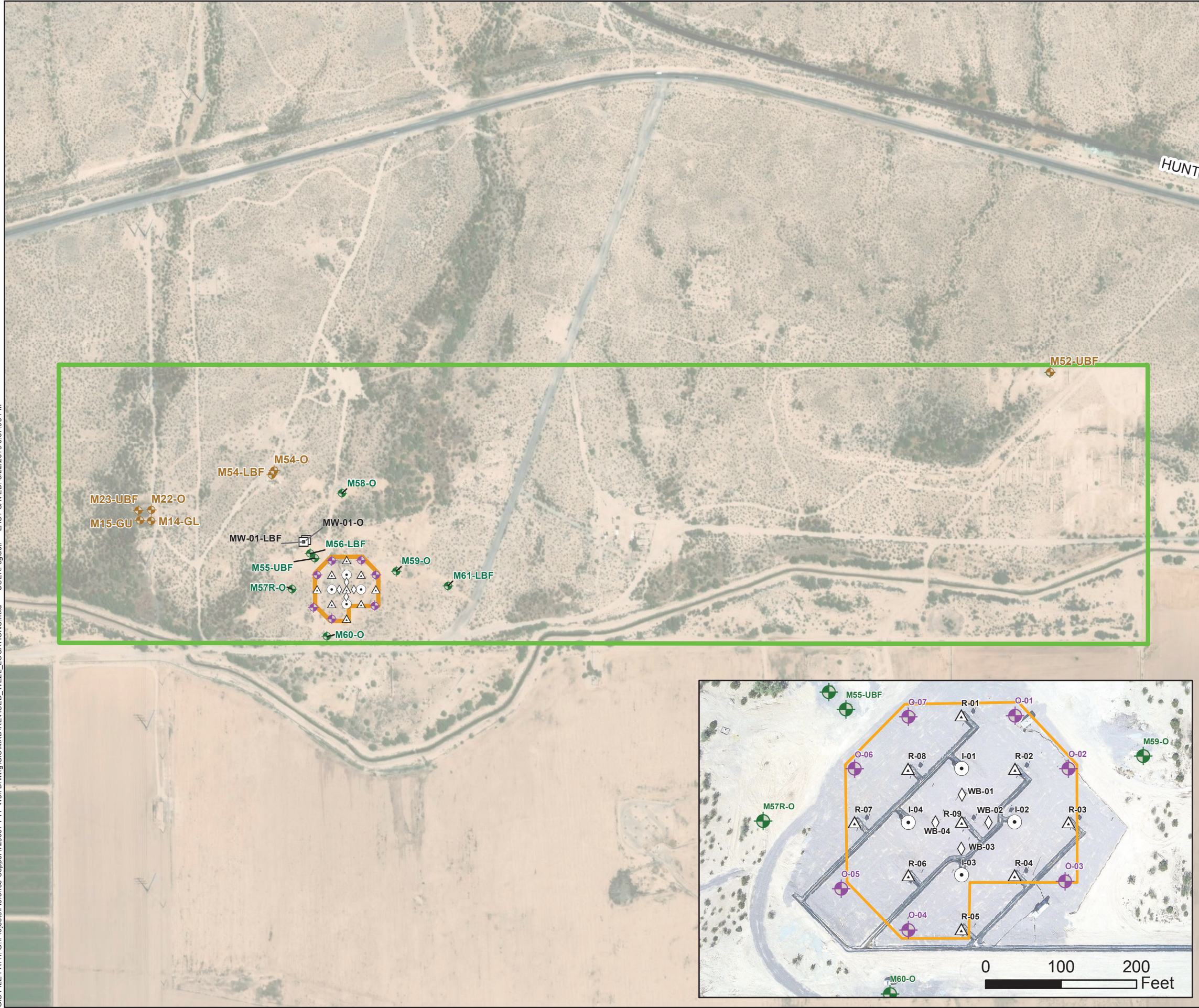
The temperature logging results for injection wells I-01, I-02, I-03, and I-04 show no anomalies that would indicate that there is flow behind the well casings. The temperature logs for each logging event reflect similar instrument readings for both the initial and secondary runs resulting in parallel temperature traces on each of the log records for the cemented zone.

Enclosures:

- Figure 1 – Well Locations
- Appendix A – Completed Standard Annular Pressure Test Forms
- Appendix B – Injection Well As-Built Diagrams
- Appendix C – Post-Completion Temperature Logs
- Appendix D – Daily Average Flow Rates and Water Level Elevations

FIGURE

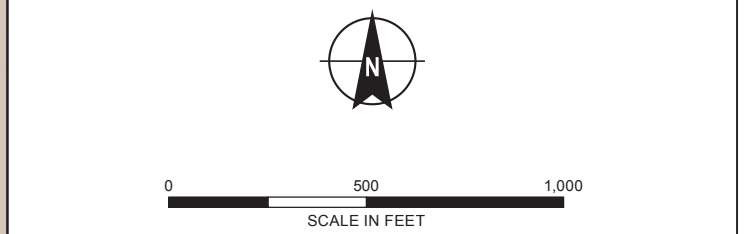
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- LEGEND**
- INJECTION WELL
 - RECOVERY WELL
 - WESTBAY WELL
 - OPERATIONAL WELL
 - OBSERVATION WELL
 - SUPPLEMENTAL MONITORING WELL
 - POINY-OF-COMPLIANCE WELL

- STATE LAND LEASE
- PTF WELLFIELD

- NOTES**
- ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE
 - AERIAL IMAGERY SOURCE: ESRI



APPENDIX A

Completed Standard Annular Pressure Test Forms

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
STANDARD ANNULAR PRESSURE TEST

Operator Florence Copper. Inc
Address 1575 West Hunt Highway
Florence, AZ 85132

State Permit No. P-101704
USEPA Permit No. R9UIC-AZ3-FY11-1
Date of Test 12/10/19
Well Type Env-Injection-Class III

Well Name I-01

LOCATION INFORMATION SW Quarter of the NE Quarter of the SW Quarter of Section 28; Range 9E; Township 4S; County Pinal; Company Representative Ian Ream; Field Inspector Paul Kroger; Type of Pressure Gauge Transducer inch face; 300 psi full scale; 0.001 psi increments;

New Gauge? Yes ☐ No ☒ If no, date of calibration 5/8/2017 Calibration certification submitted? Yes ☐ No ☒

TEST RESULTS

Readings must be taken at least every 10 minutes for a minimum of 30 minutes for Class II, III and V wells and 60 minutes for Class I wells.

For Class II wells, annulus pressure should be at least 300 psig. For Class I wells, annulus pressure should be the greater of 300 psig or 100 psi above maximum permitted injection pressure.

Original chart recordings must be submitted with this form.

5-year or annual test on time? Yes ☒ No ☐
2-year test for TA'd wells on time? Yes ☐ No ☒
After rework? Yes ☐ No ☒
Newly permitted well? Yes ☐ No ☒

Time	Pressure (in psig)	
	Annulus	Tubing
12:42	150.225	same
12:52	148.413	same
13:02	148.292	same
13:12	149.211	same

Casing size 5-inch nominal
Tubing size AQ
Packer type inflatable packer
Packer set @ 7.45 (top), 513.58 (bottom)
Top of Permitted Injection Zone 418
Is packer 100 ft or less above top of
Injection Zone ? Yes ☒ No ☐
If not, please submit a justification.
Fluid return (gal.) 1.45

Comments:

Test Pressures: Max. Allowable Pressure Change: Initial test pressure x 0.03 4.51 psi
Test Period Pressure change 1.01 psi

Test Passed ☒ Test Failed ☐

If failed test, well must be shut in, no injection can occur, and USEPA must be contacted within 24 hours. Corrective action needs to occur, the well retested, and written authorization received before injection can recommence.

I certify under penalty of law that this document and all attachments are, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. (See 40 CFR 144.32(d))

Ian Ream
Printed Name of Company Representative


Signature of Company Representative

02/13/2020
Date

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
STANDARD ANNULAR PRESSURE TEST

Operator Florence Copper, Inc.

State Permit No. P-101704

Address 1575 West Hunt Highway

USEPA Permit No. R9UIC-AZ3-FY11-1

Florence, AZ 85132

Date of Test 12/13/2019

Well Name I-02

Well Type Env-Injection-Class III

LOCATION INFORMATION SW Quarter of the NE Quarter of the SW Quarter of Section 28; Range 9E; Township 4S; County Pinal;

Company Representative Ian Ream; Field Inspector Collin Giusti;

Type of Pressure Gauge Transducer inch face; 300 psi full scale; .001 psi increments;

New Gauge? Yes ☐ No ☒ If no, date of calibration 11/1/2017 Calibration certification submitted? Yes ☐ No ☒

TEST RESULTS

Readings must be taken at least every 10 minutes for a minimum of 30 minutes for Class II, III and V wells and 60 minutes for Class I wells.

For Class II wells, annulus pressure should be at least 300 psig. For Class I wells, annulus pressure should be the greater of 300 psig or 100 psi above maximum permitted injection pressure.

Original chart recordings must be submitted with this form.

5-year or annual test on time? Yes ☒ No ☐

2-year test for TA'd wells on time? Yes ☐ No ☒

After rework? Yes ☐ No ☒

Newly permitted well? Yes ☐ No ☒

Time	Pressure (in psig)	
	Annulus	Tubing
08:21	160.561	same
08:26	159.462	same
08:31	158.570	same
08:36	157.495	same
08:41	156.453	same
08:46	155.286	same
08:51	154.142	same

Casing size 5-Inch nominal

Tubing size AQ

Packer type inflatable packer

Packer set @ 8.65 (top), 506.7 (bottom)

Top of Permitted Injection Zone 418

Is packer 100 ft or less above top of

Injection Zone ? Yes ☒ No ☐

If not, please submit a justification.

Fluid return (gal.) 0.66

Comments:

Test Pressures: Max. Allowable Pressure Change: Initial test pressure x 0.03 8.02 psi
Test Period Pressure change 6.419 psi

Test Passed ☒ Test Failed ☐

If failed test, well must be shut in, no injection can occur, and USEPA must be contacted within 24 hours. Corrective action needs to occur, the well retested, and written authorization received before injection can recommence.

I certify under penalty of law that this document and all attachments are, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. (See 40 CFR 144.32(d))

Ian Ream
Printed Name of Company Representative


Signature of Company Representative

02/13/2020
Date

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
STANDARD ANNULAR PRESSURE TEST

Operator Florence Copper, Inc.

State Permit No. P-101704

Address 1575 West Hunt Highway

USEPA Permit No. R9UIC-AZ3-FY11-1

Florence, AZ 85132

Date of Test 12/19/2019

Well Name I-03

Well Type Env-Injection-Class III

LOCATION INFORMATION SW Quarter of the NE Quarter of the SW Quarter of Section 28; Range 9E; Township 4S; County Pinal;

Company Representative Ian Ream; Field Inspector Collin Giusti;

Type of Pressure Gauge Transducer inch face; 300 psi full scale; .001 psi increments;

New Gauge? Yes ☐ No ☒ If no, date of calibration 05/8/2017 Calibration certification submitted? Yes ☐ No ☒

TEST RESULTS

Readings must be taken at least every 10 minutes for a minimum of 30 minutes for Class II, III and V wells and 60 minutes for Class I wells.

For Class II wells, annulus pressure should be at least 300 psig. For Class I wells, annulus pressure should be the greater of 300 psig or 100 psi above maximum permitted injection pressure.

Original chart recordings must be submitted with this form.

5-year or annual test on time? Yes ☒ No ☐

2-year test for TA'd wells on time? Yes ☐ No ☒

After rework? Yes ☐ No ☒

Newly permitted well? Yes ☐ No ☒

Time	Pressure (in psig)	
	Annulus	Tubing
11:18	139.484	same
11:23	139.501	same
11:28	139.725	same
11:34	139.983	same
11:38	140.140	same
11:43	140.287	same
11:52	140.471	same

Casing size 5-Inch nominal

Tubing size AQ

Packer type inflatable packer

Packer set @ 8.55 (top), 506.60 (bottom)

Top of Permitted Injection Zone 418

Is packer 100 ft or less above top of

Injection Zone ? Yes ☒ No ☐

If not, please submit a justification.

Fluid return (gal.) 0.62

Comments:

Test Pressures: Max. Allowable Pressure Change: Initial test pressure x 0.03 9.97 psi
Test Period Pressure change -0.987 psi

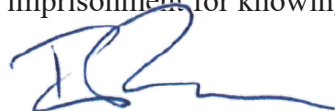
Test Passed ☒ Test Failed ☐

If failed test, well must be shut in, no injection can occur, and USEPA must be contacted within 24 hours. Corrective action needs to occur, the well retested, and written authorization received before injection can recommence.

I certify under penalty of law that this document and all attachments are, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. (See 40 CFR 144.32(d))

Ian Ream

Printed Name of Company Representative



Signature of Company Representative

02/13/2020

Date

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
STANDARD ANNULAR PRESSURE TEST

Operator Florence Copper, Inc.

State Permit No. P-101704

Address 1575 West Hunt Highway
Florence, AZ 85132

USEPA Permit No. R9UIC-AZ3-FY11-1

Date of Test 12/15/2019

Well Name I-04

Well Type Env-Injection-Class III

LOCATION INFORMATION SW Quarter of the NE Quarter of the SW Quarter of Section 28; Range 9E; Township 4S; County Pinal;

Company Representative Ian Ream; Field Inspector Collin Giusti;

Type of Pressure Gauge Transducer inch face; 300 psi full scale; .001 psi increments;

New Gauge? Yes ☐ No ☒ If no, date of calibration 11/1/2017 Calibration certification submitted? Yes ☐ No ☒

TEST RESULTS

Readings must be taken at least every 10 minutes for a minimum of 30 minutes for Class II, III and V wells and 60 minutes for Class I wells.

For Class II wells, annulus pressure should be at least 300 psig. For Class I wells, annulus pressure should be the greater of 300 psig or 100 psi above maximum permitted injection pressure.

Original chart recordings must be submitted with this form.

5-year or annual test on time? Yes ☒ No ☐

2-year test for TA'd wells on time? Yes ☐ No ☒

After rework? Yes ☐ No ☒

Newly permitted well? Yes ☐ No ☒

Time	Pressure (in psig)	
	Annulus	Tubing
14:47	168.715	same
14:53	169.918	same
14:57	170.588	same
15:03	171.650	same
15:07	172.462	same
15:12	173.358	same
15:17	174.083	same

Casing size 5-Inch nominal

Tubing size AQ

Packer type inflatable packer

Packer set @ 8.65 (top), 506.7 (bottom)

Top of Permitted Injection Zone 418

Is packer 100 ft or less above top of

Injection Zone ? Yes ☒ No ☐

If not, please submit a justification.

Fluid return (gal.) 0.87

Comments:

Test Pressures: Max. Allowable Pressure Change: Initial test pressure x 0.03 8.43 psi
Test Period Pressure change -5.36 psi

Test Passed ☒ Test Failed ☐

If failed test, well must be shut in, no injection can occur, and USEPA must be contacted within 24 hours. Corrective action needs to occur, the well retested, and written authorization received before injection can recommence.

I certify under penalty of law that this document and all attachments are, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. (See 40 CFR 144.32(d))

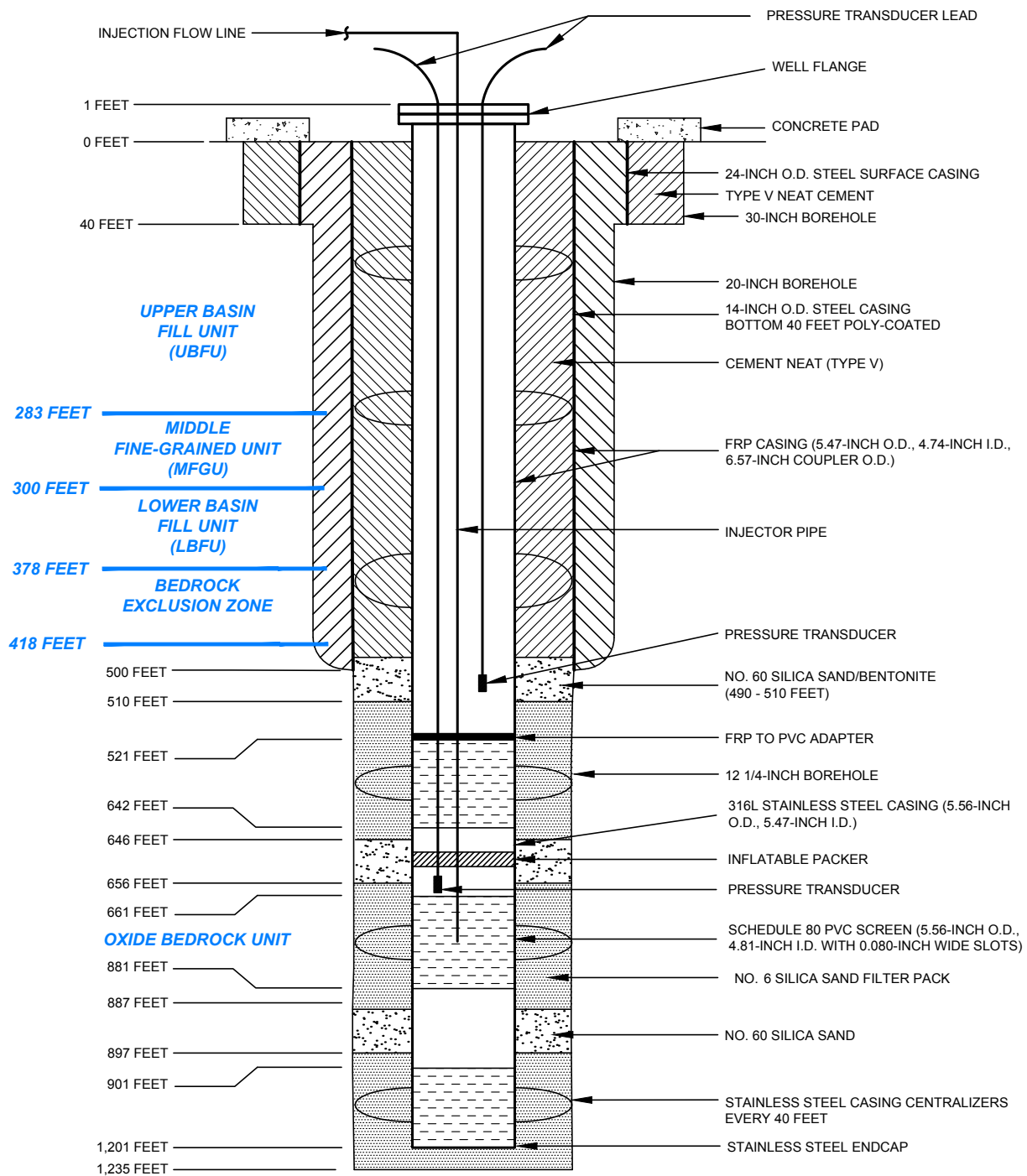
Ian Ream
Printed Name of Company Representative


Signature of Company Representative

02/13/2020
Date

APPENDIX B

Injection Well As-Built Diagrams



NOTES

1. WELL REGISTRATION NO.: 55-227963
2. CADASTRAL LOCATION: D(4-9) 28 CAC
3. MEASURING POINT ELEVATION: 1482.67 FEET AMSL
4. I.D. = INSIDE DIAMETER
5. O.D. = OUTSIDE DIAMETER
6. PVC = POLYVINYL CHLORIDE
7. FRP = FIBERGLASS REINFORCED PLASTIC
8. SOUNDING TUBE INSTALLED TO ~500 FEET

**HALEY
ALDRICH**

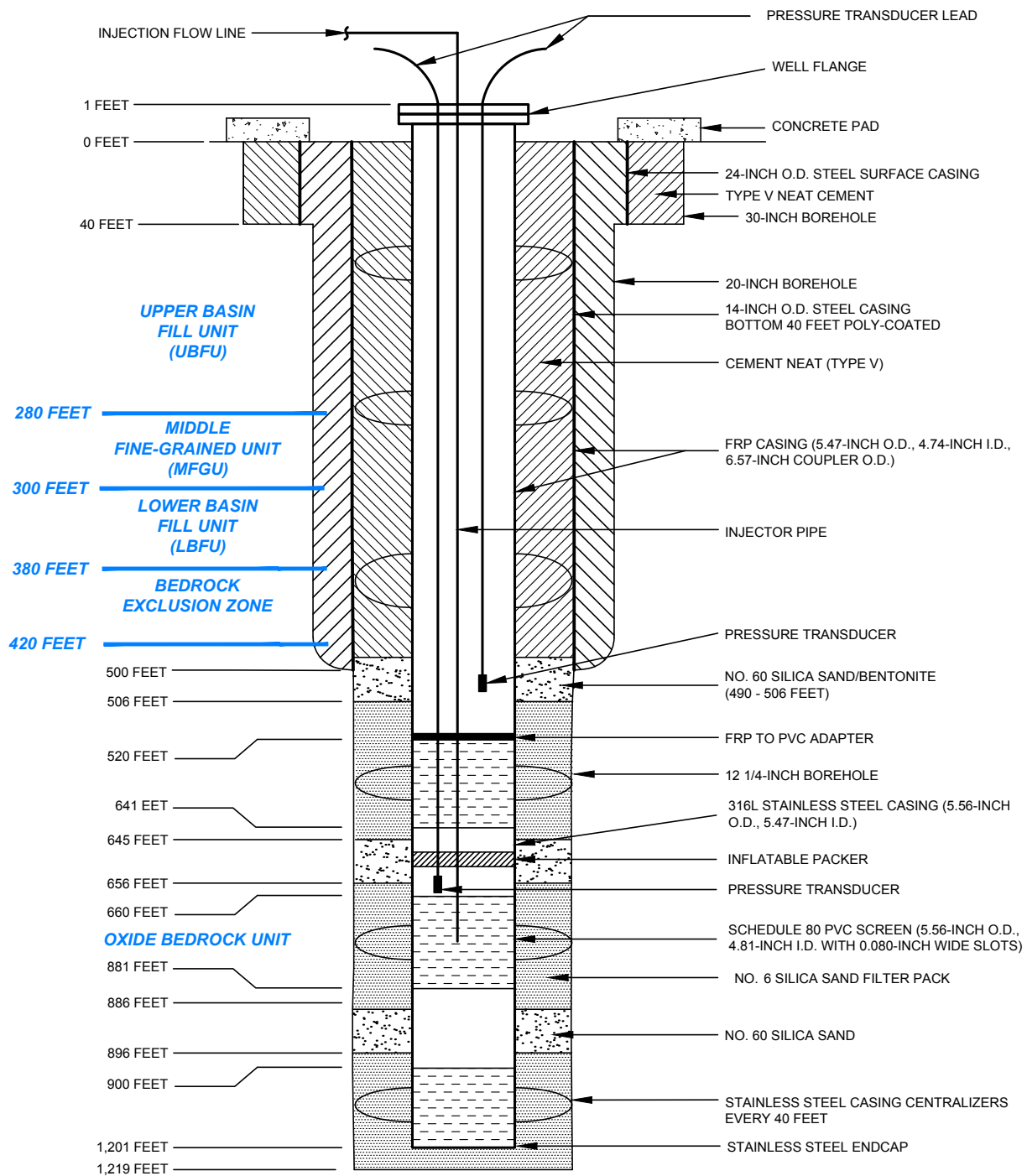
PRODUCTION TEST FACILITY
FLORENCE COPPER, INC.
FLORENCE, ARIZONA

INJECTION WELL I-01 AS-BUILT DIAGRAM

**FLORENCE
COPPER**

SCALE: NOT TO SCALE
SEPTEMBER 2018

FIGURE 4



NOTES

1. WELL REGISTRATION NO.: 55-227964
2. CADASTRAL LOCATION: D(4-9) 28 CAC
3. MEASURING POINT ELEVATION: 1482.61 FEET AMSL
4. I.D. = INSIDE DIAMETER
5. O.D. = OUTSIDE DIAMETER
6. PVC = POLYVINYL CHLORIDE
7. FRP = FIBERGLASS REINFORCED PLASTIC
8. SOUNDING TUBE INSTALLED TO ~500 FEET

**HALEY
ALDRICH**

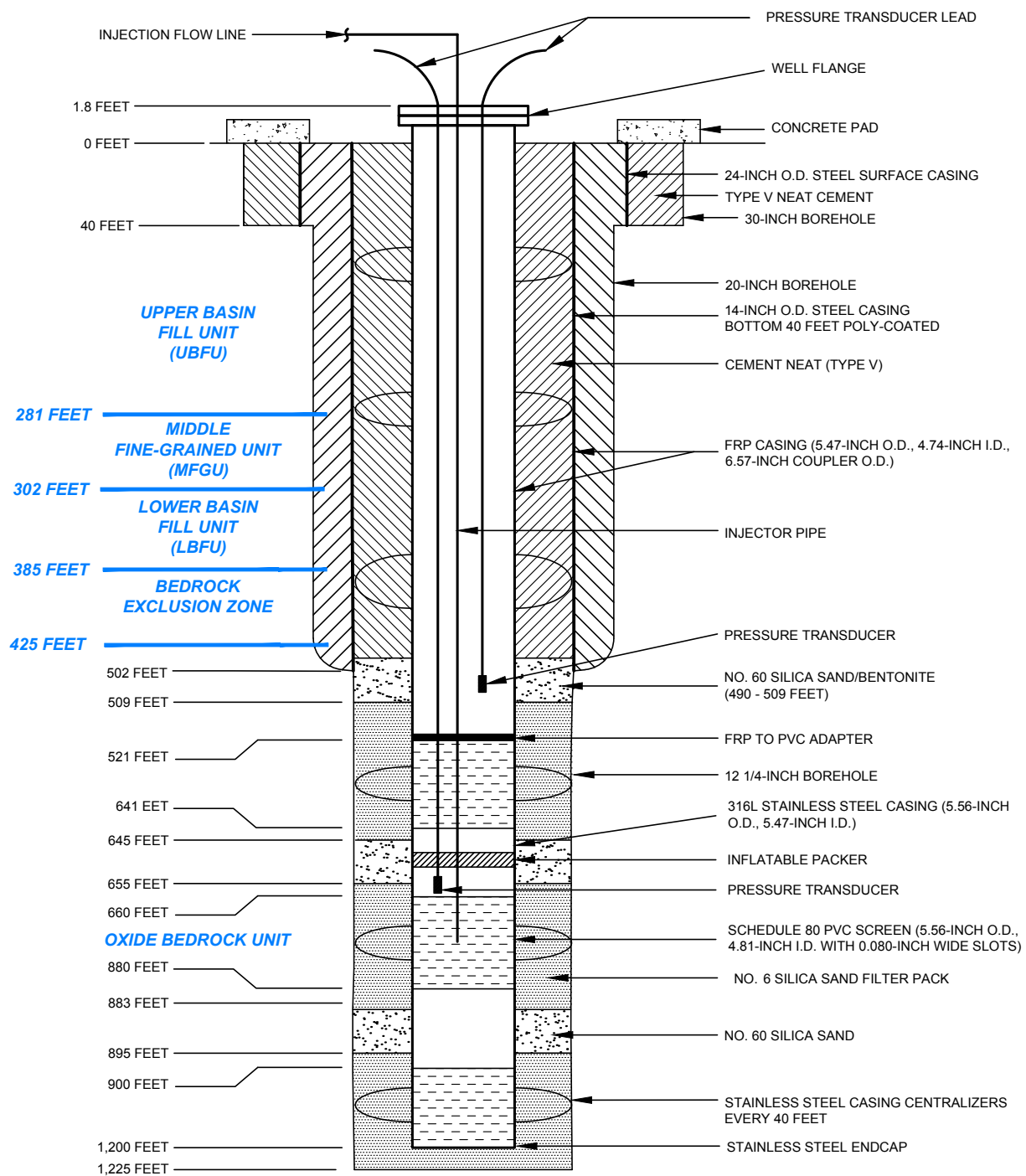
PRODUCTION TEST FACILITY
FLORENCE COPPER, INC.
FLORENCE, ARIZONA

INJECTION WELL I-02 AS-BUILT DIAGRAM

**FLORENCE
COPPER**

SCALE: NOT TO SCALE
SEPTEMBER 2018

FIGURE 4



NOTES

1. WELL REGISTRATION NO.: 55-227965
2. CADASTRAL LOCATION: D(4-9) 28 CAC
3. MEASURING POINT ELEVATION: 1480.71 FEET AMSL
4. I.D. = INSIDE DIAMETER
5. O.D. = OUTSIDE DIAMETER
6. PVC = POLYVINYL CHLORIDE
7. FRP = FIBERGLASS REINFORCED PLASTIC
8. SOUNDING TUBE INSTALLED TO ~500 FEET

**HALEY
ALDRICH**

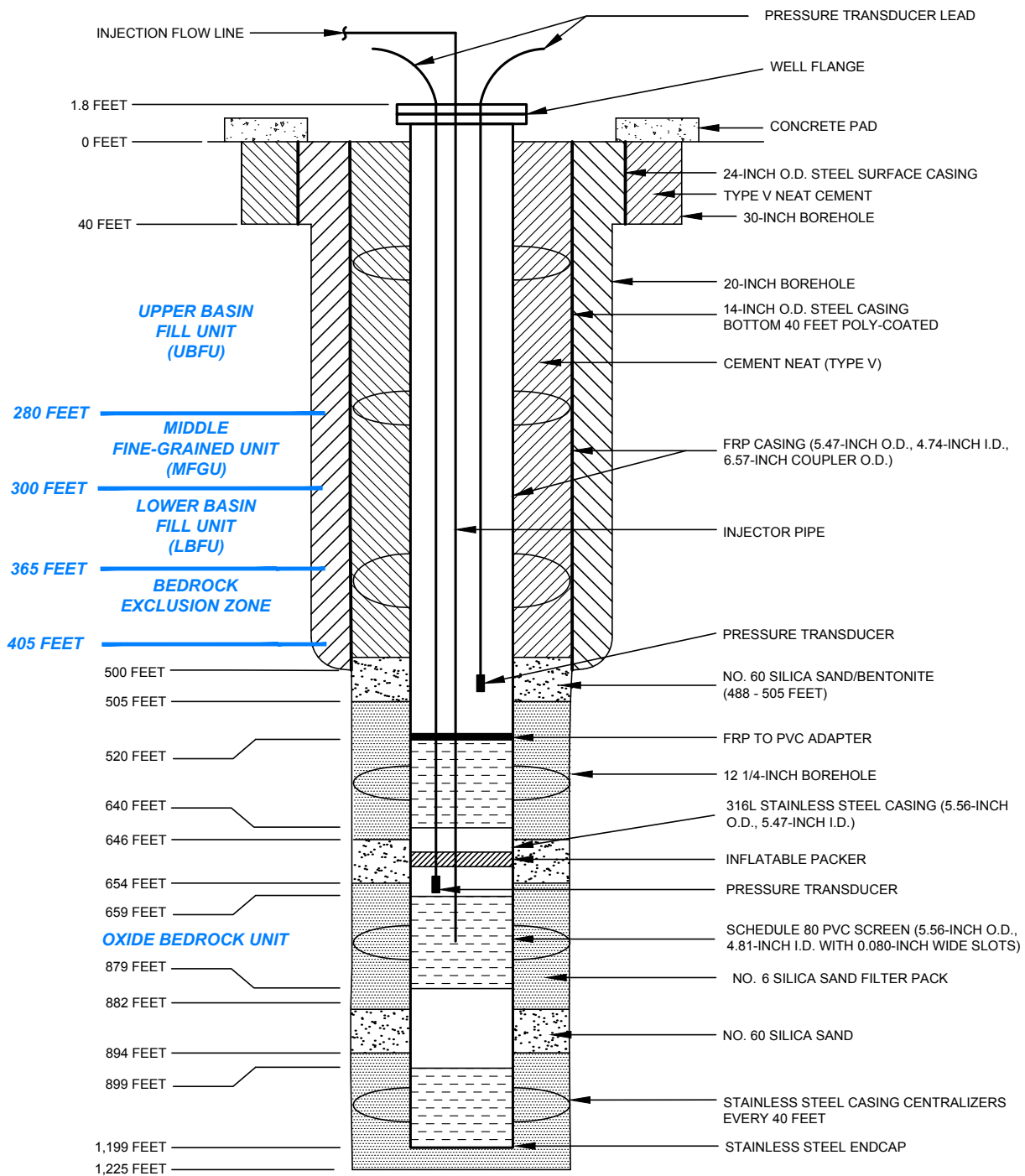
PRODUCTION TEST FACILITY
FLORENCE COPPER, INC.
FLORENCE, ARIZONA

I-03 INJECTION WELL AS-BUILT DIAGRAM

**FLORENCE
COPPER**

SCALE: NOT TO SCALE
SEPTEMBER 2018

FIGURE 4



NOTES

1. WELL REGISTRATION NO.: 55-227966
2. CADASTRAL LOCATION: D(4-9) 28 CBD
3. MEASURING POINT ELEVATION: 1482.16 FEET AMSL
4. I.D. = INSIDE DIAMETER
5. O.D. = OUTSIDE DIAMETER
6. PVC = POLYVINYL CHLORIDE
7. FRP = FIBERGLASS REINFORCED PLASTIC
8. SOUNDING TUBE INSTALLED TO ~500 FEET

**HALEY
ALDRICH**

PRODUCTION TEST FACILITY
FLORENCE COPPER, INC.
FLORENCE, ARIZONA

I-04 INJECTION WELL AS-BUILT DIAGRAM

**FLORENCE
COPPER**

SCALE: NOT TO SCALE
SEPTEMBER 2018

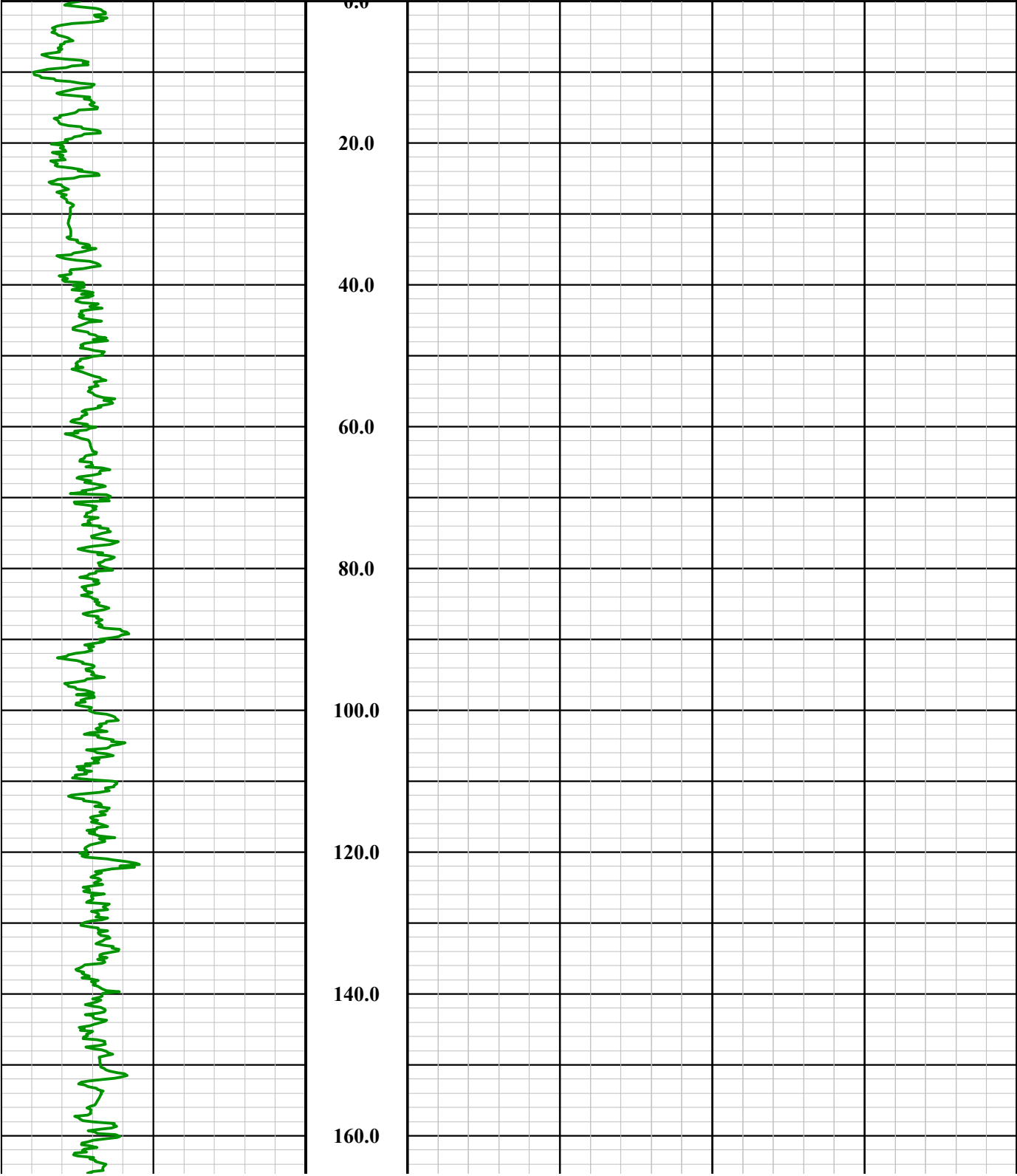
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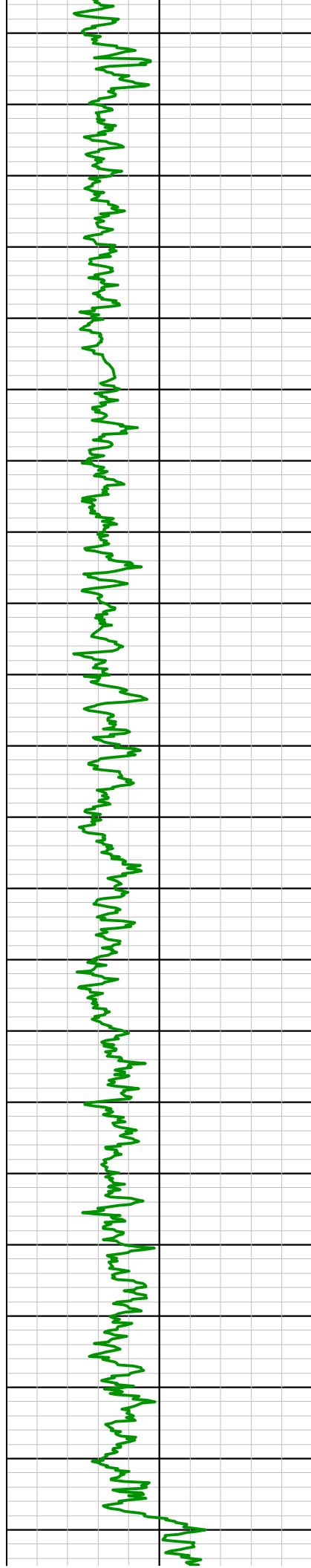
APPENDIX C

Post-Completion Temperature Logs

Hole Information	Depth	Temperature (7:05 AM)	
	1in:20ft	60	Deg F 100
Well Name: I-01		Temperature (11:05 AM)	
Survey Date: 12/05/19		60	Deg F 100
Elevation: 1479.72 Ft		Differential Temperature	
Northing (NAD83): 746202.45		-4	Deg F 4
Easting (NAD83): 847694.69			
Shut In Time: 24 Hours 0 Min			
Base of Lowermost USDW: 300 Ft			
Nat. Gamma			
0	API	200	

I-01 Temperature Evaluation





180.0

200.0

220.0

240.0

260.0

280.0

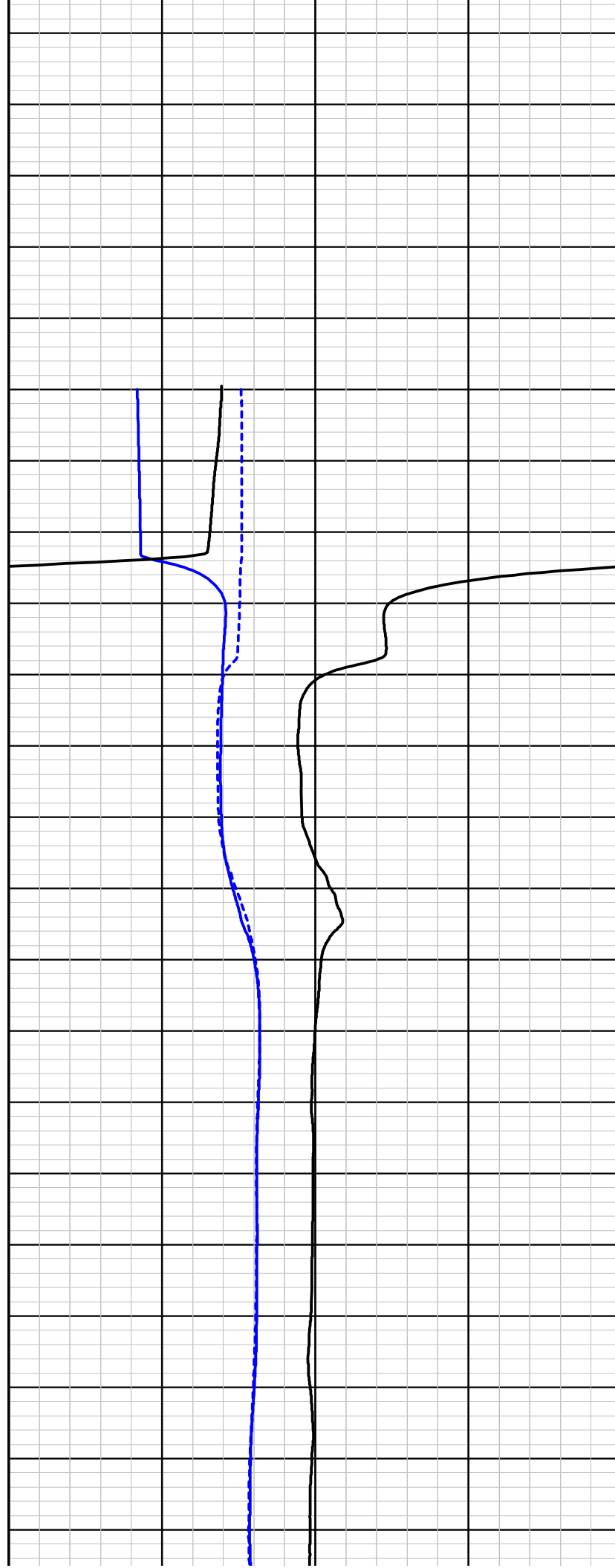
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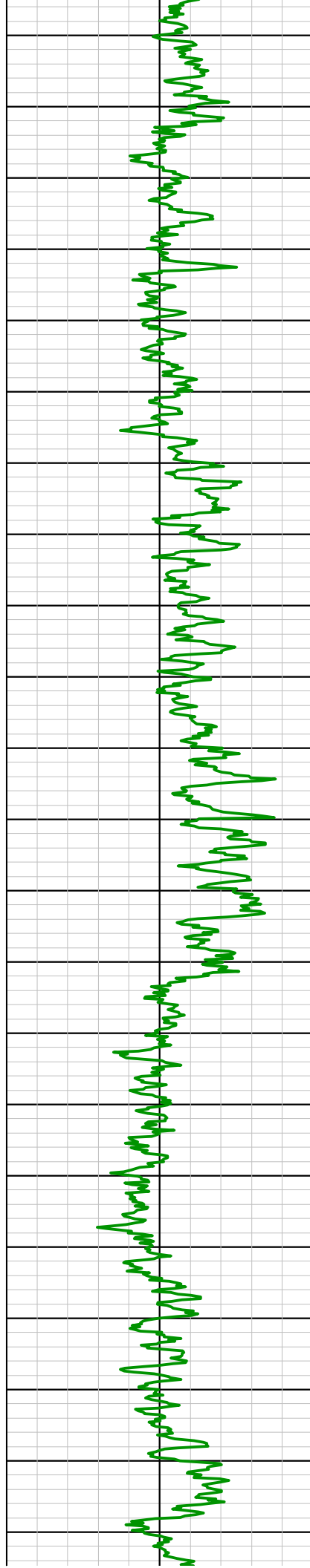
320.0

340.0

360.0

380.0





400.0

420.0

440.0

460.0

480.0

500.0

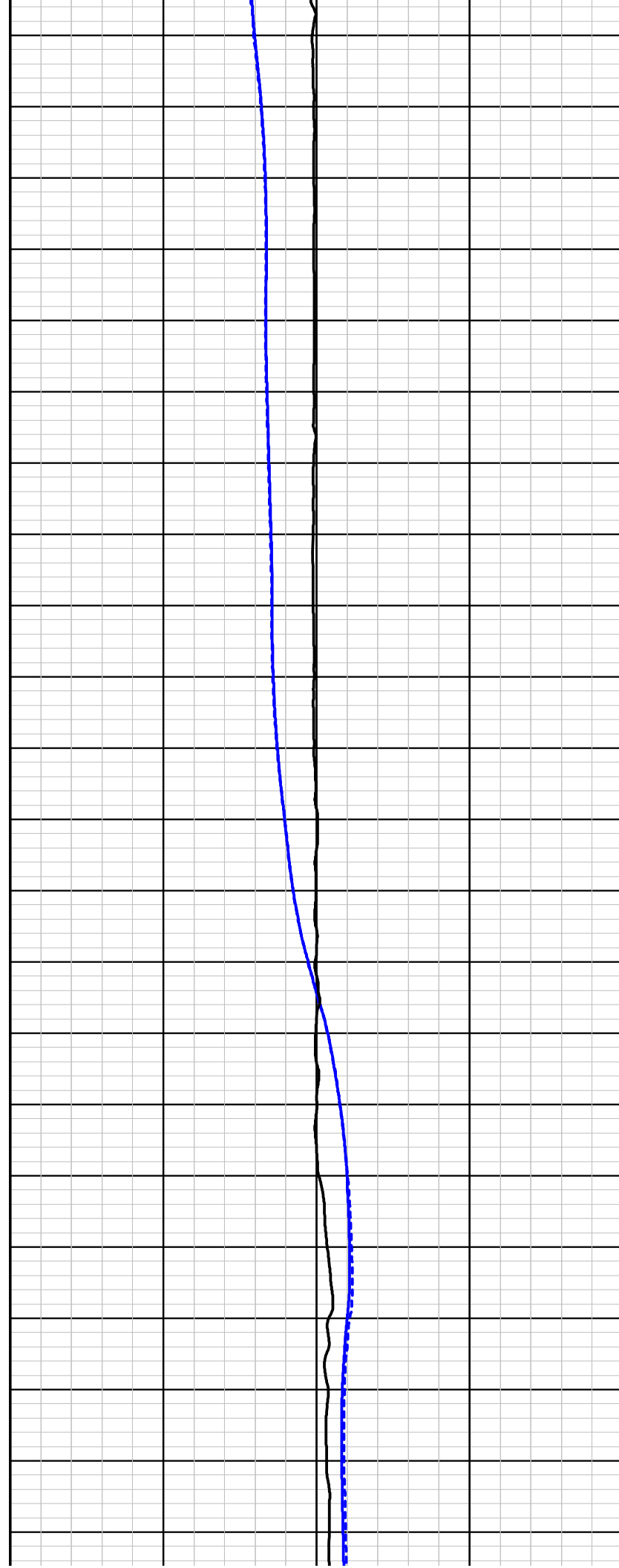
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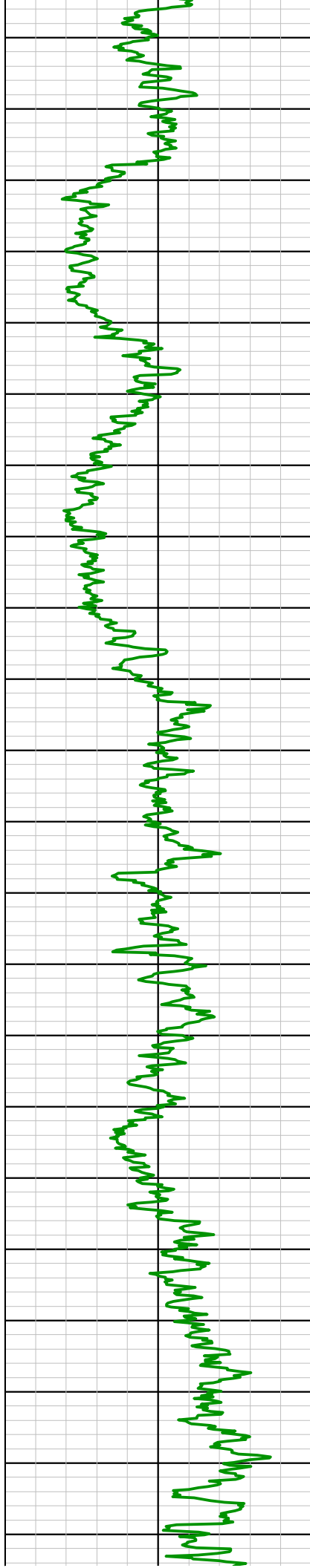
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560.0

580.0

600.0





620.0

640.0

660.0

680.0

700.0

720.0

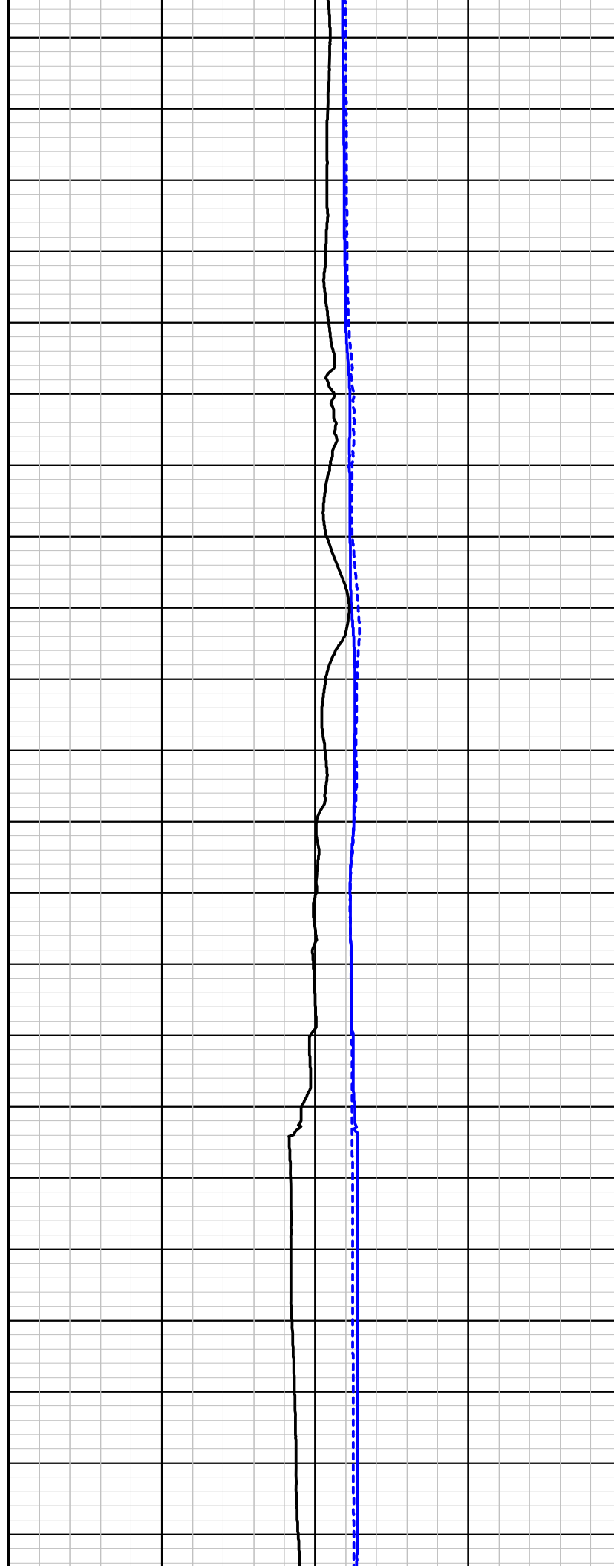
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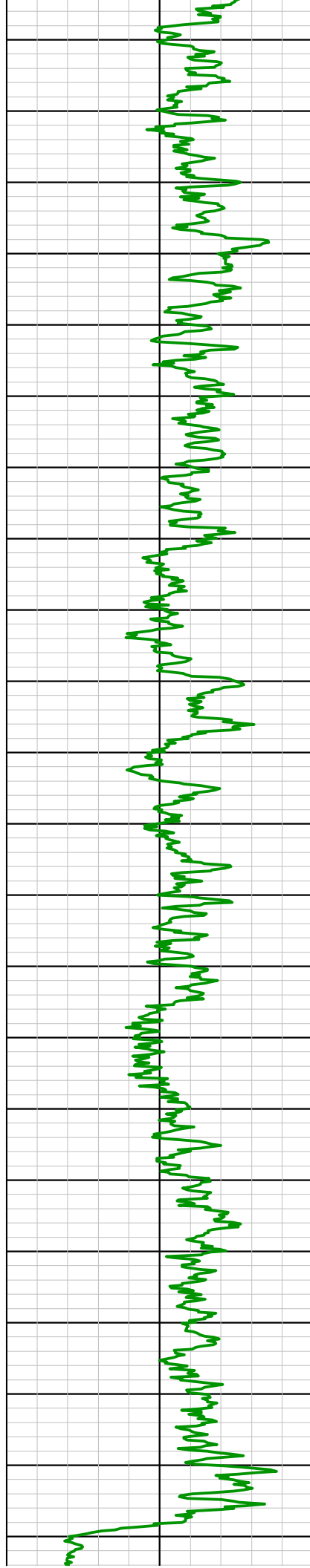
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780.0

800.0

820.0





840.0

860.0

880.0

900.0

920.0

940.0

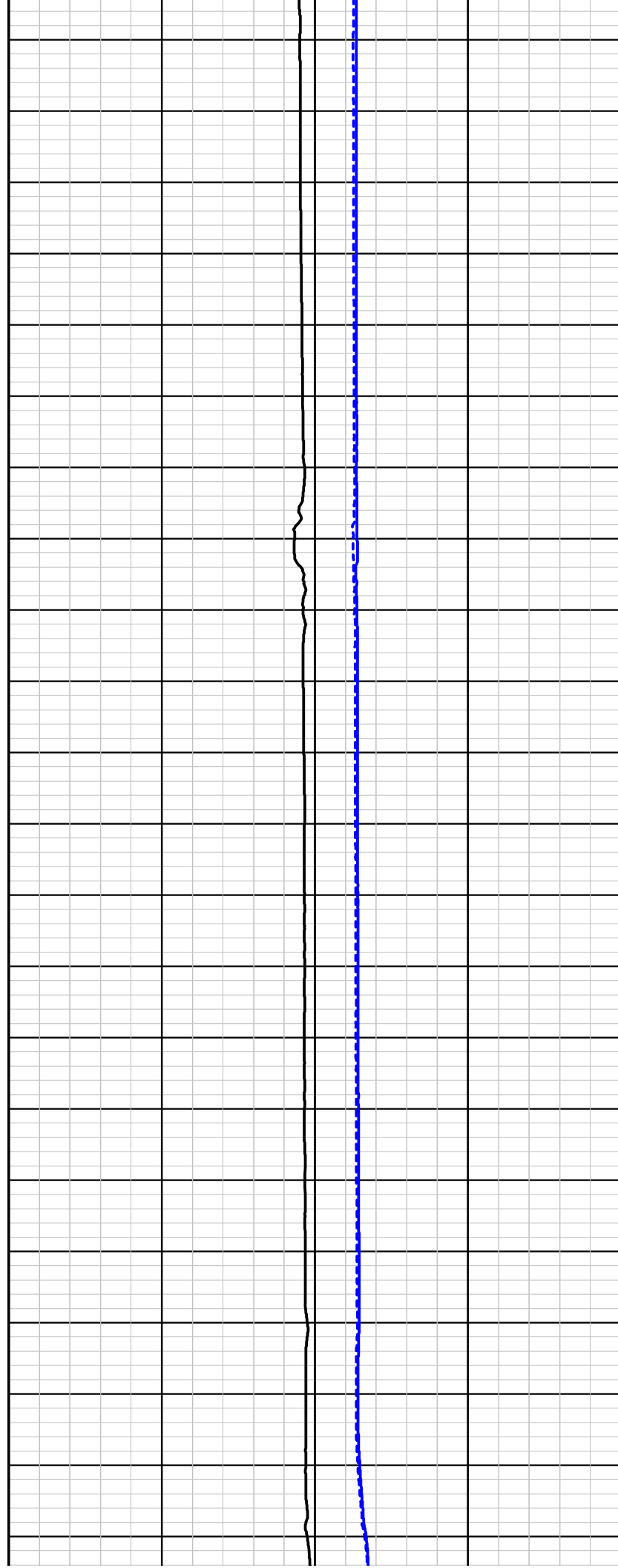
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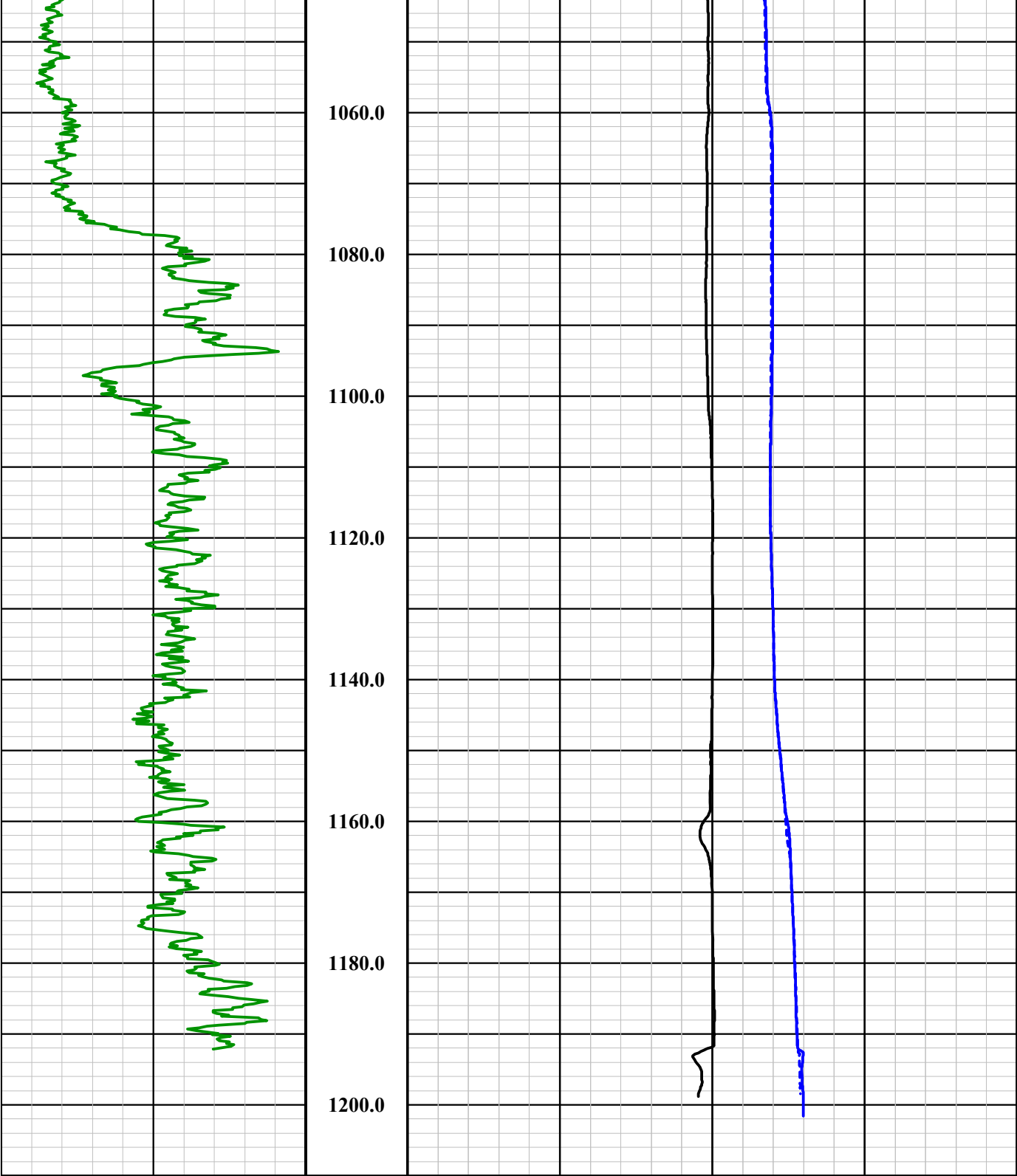
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1000.0

1020.0

1040.0





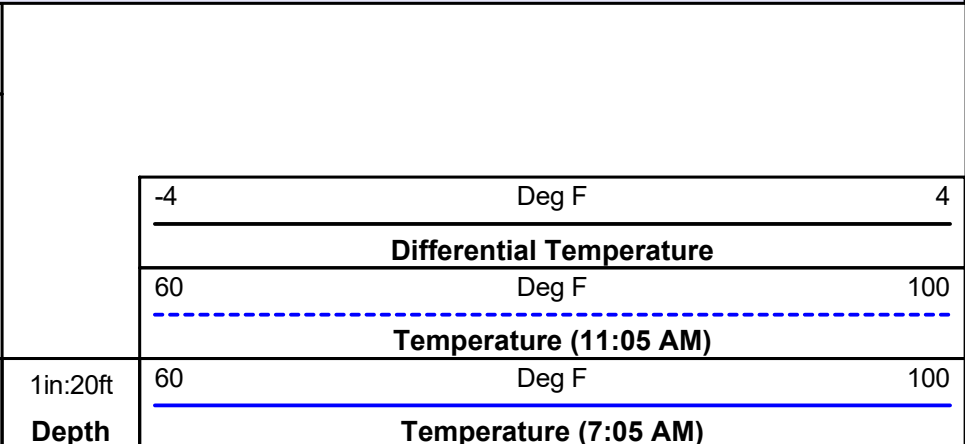
I-01 Temperature Evaluation

0 API 200

Nat. Gamma

Base of Lowermost USDW: 300 Ft
Shut In Time: 24 Hours 0 Min
Easting (NAD83): 847694.69
Northing (NAD83): 746202.45
Elevation: 1479.72 Ft
Survey Date: 12/05/19
Well Name: I-01

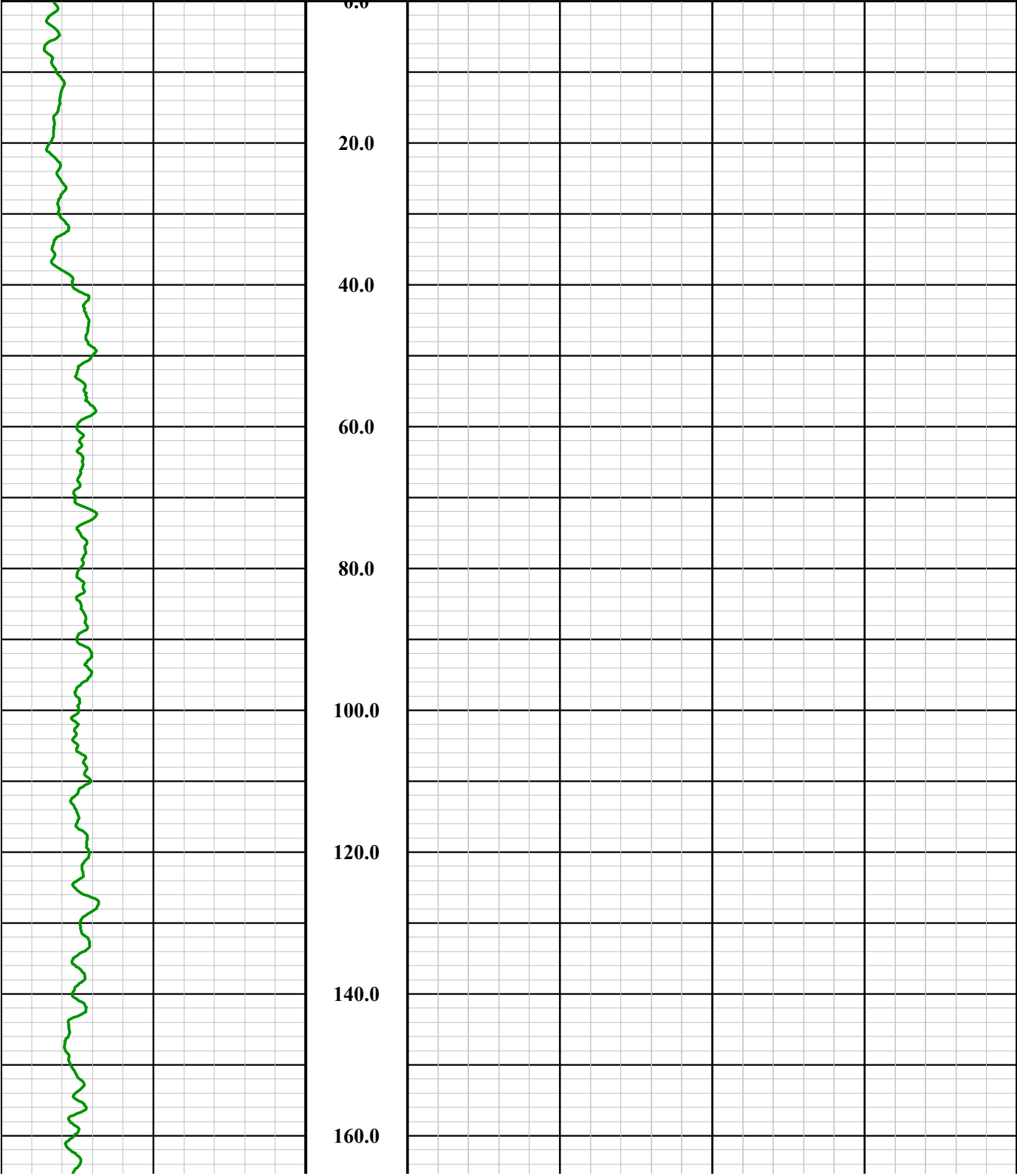
Hole Information

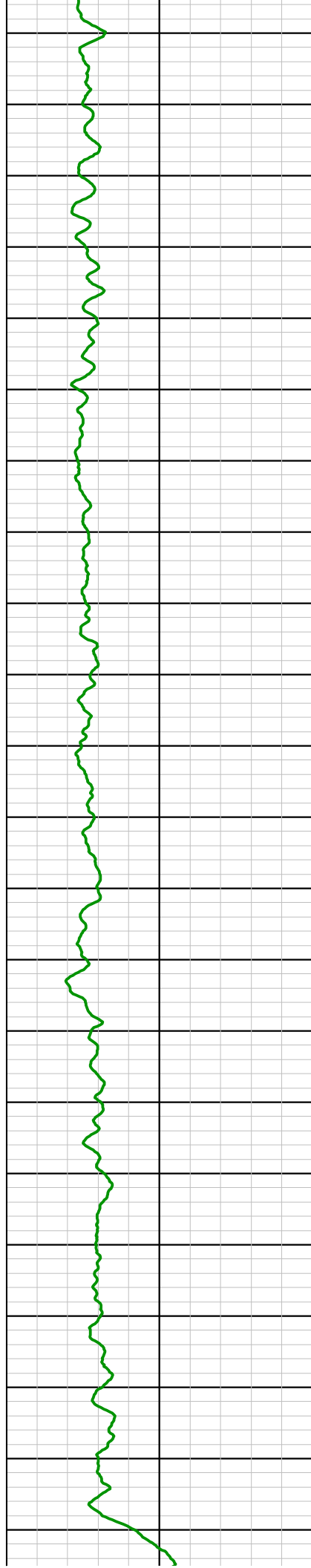




Hole Information		Depth	Temperature (4:30 PM)	
		1in:20ft	55	Deg F 95
Well Name: I-02			Temperature (8:30 PM)	
Survey Date: 12/11/19			55	Deg F 95
Elevation: 1479.61 Ft			Differential Temperature	
Northing (NAD83): 746131.72			-4	Deg F 4
Easting (NAD83): 847765.00				
Shut In Time: 24 Hours 0 Min				
Base of Lowermost USDW: 300 Ft				
Nat. Gamma				
0	API	200		

I-02 Temperature Evaluation





180.0

200.0

220.0

240.0

260.0

280.0

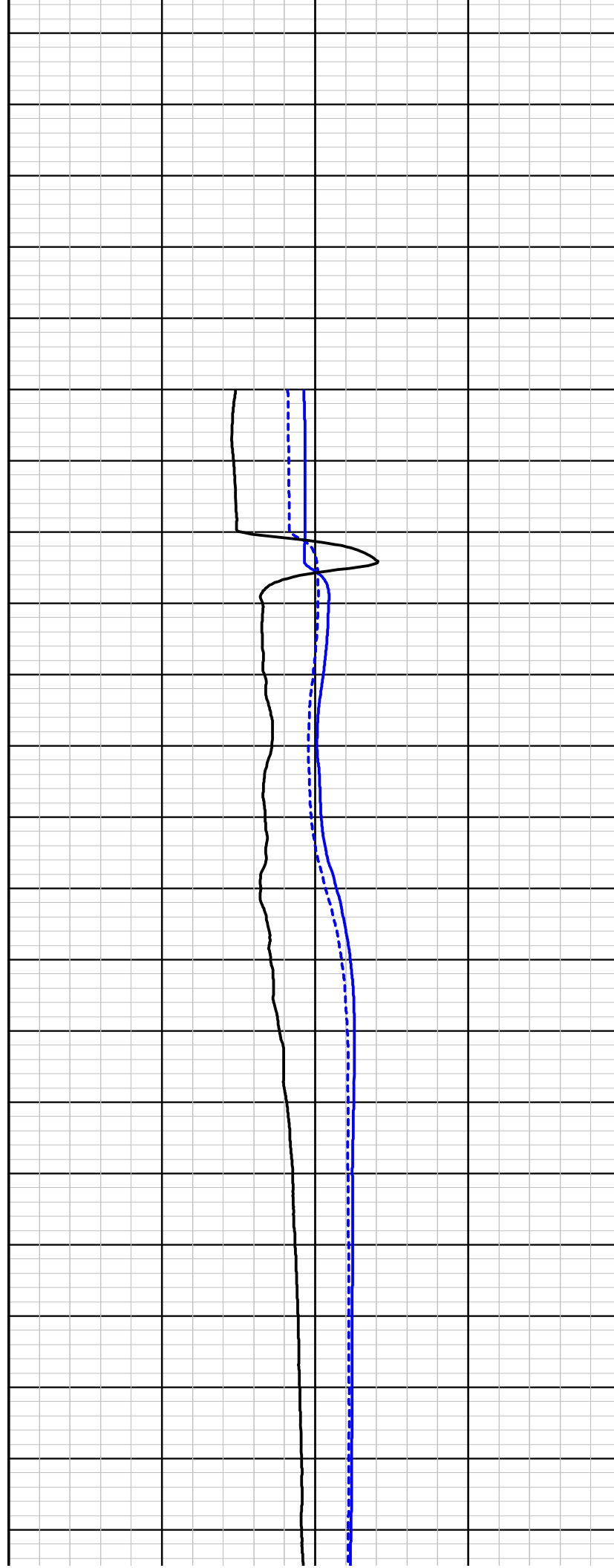
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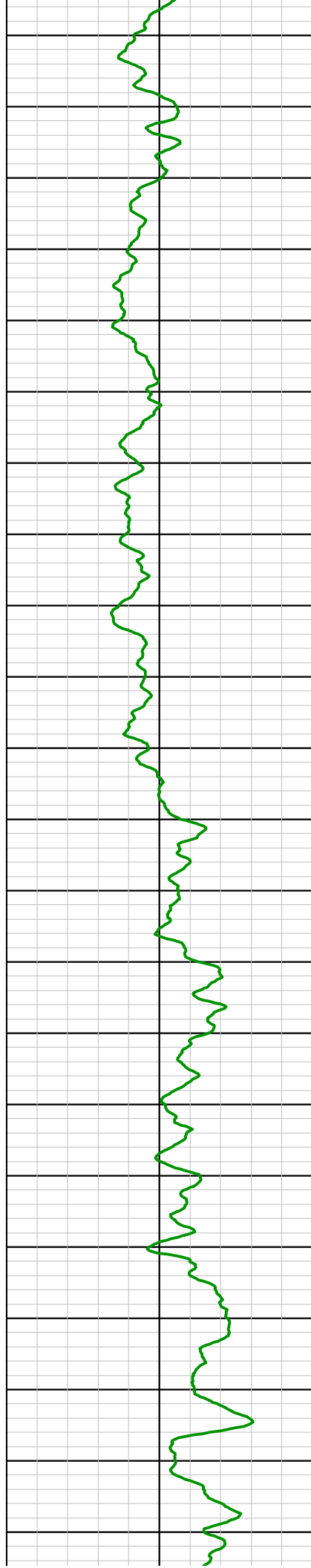
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400.0

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440.0

460.0

480.0

500.0

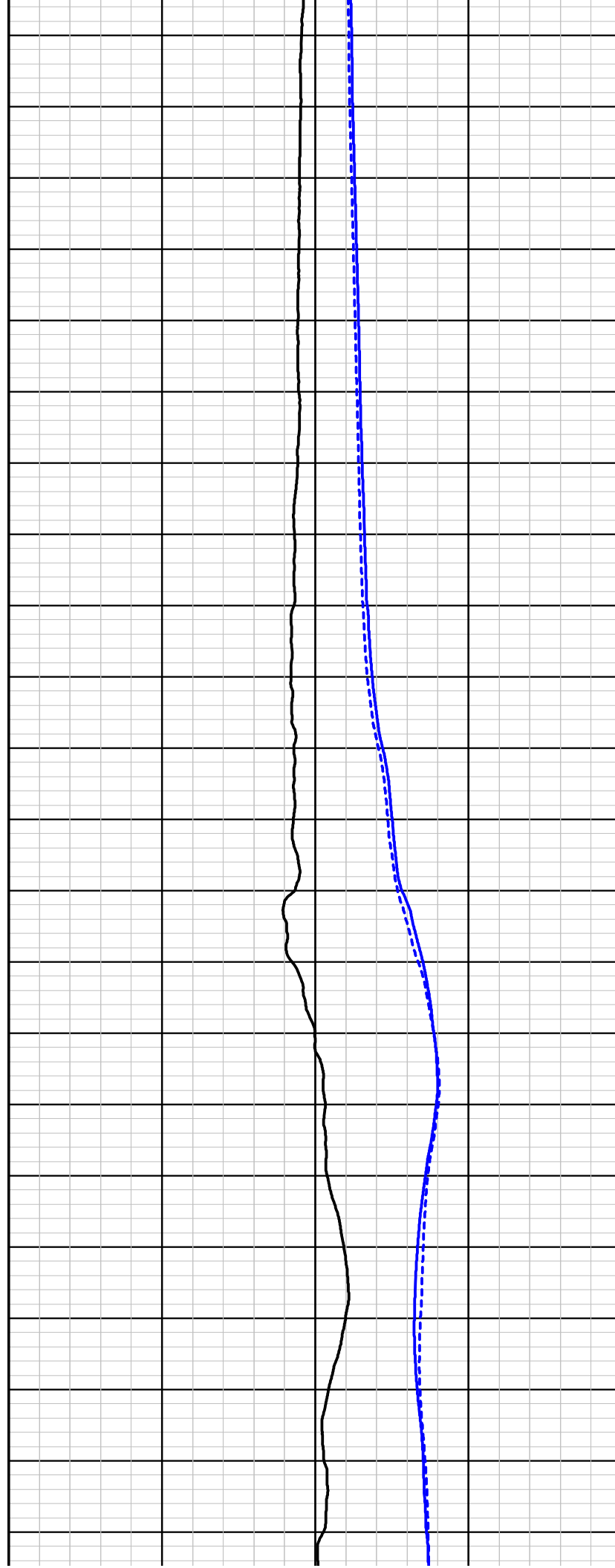
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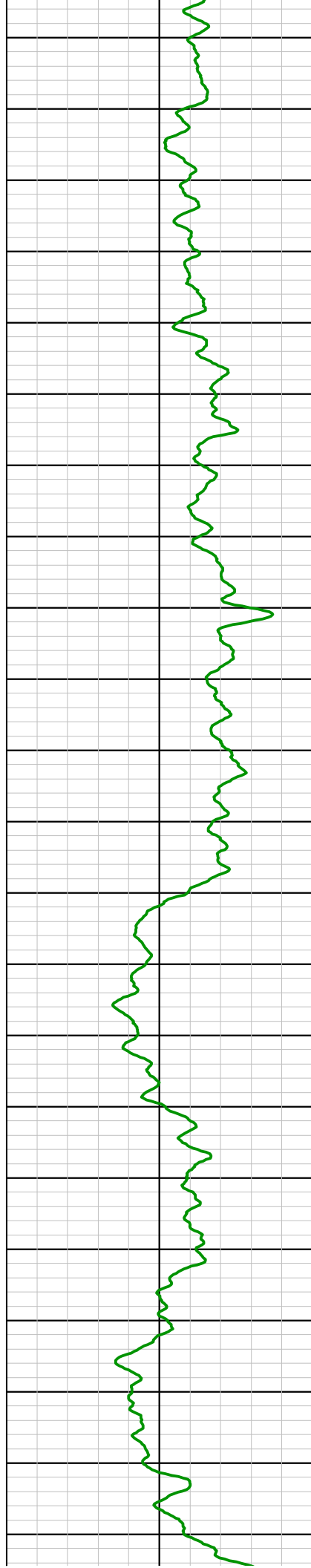
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620.0

640.0

660.0

680.0

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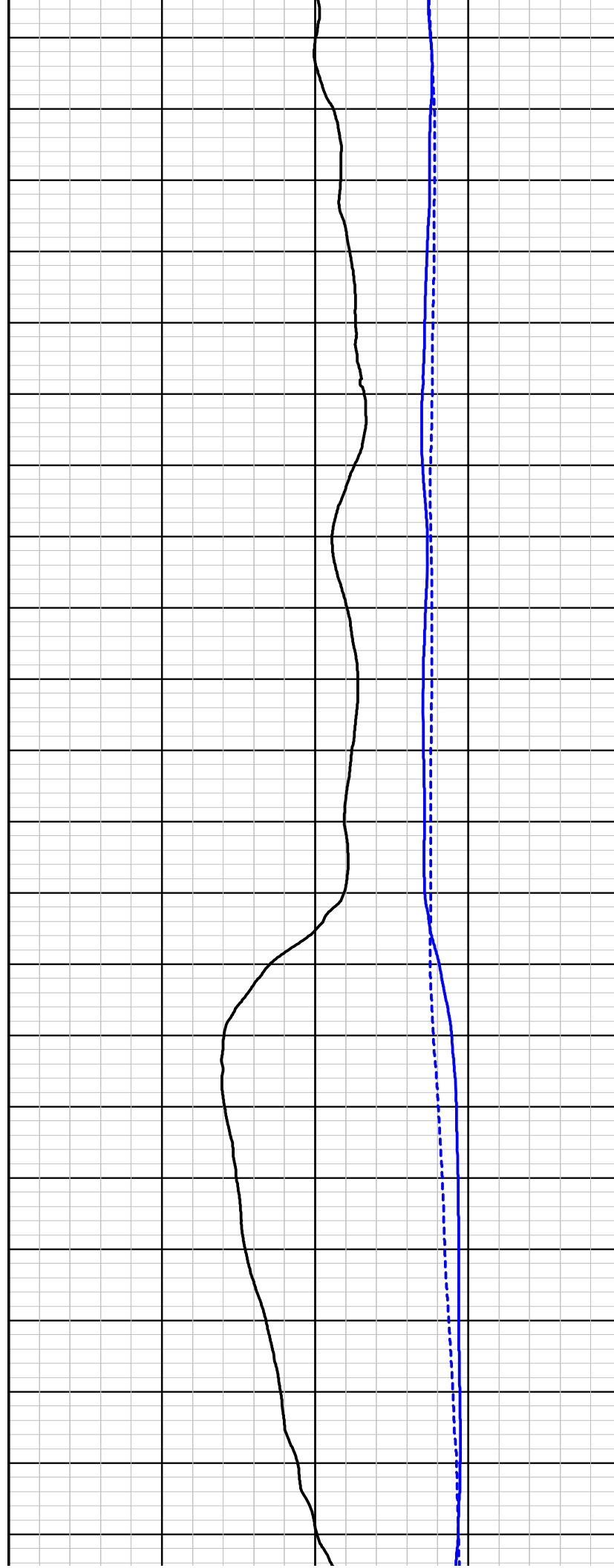
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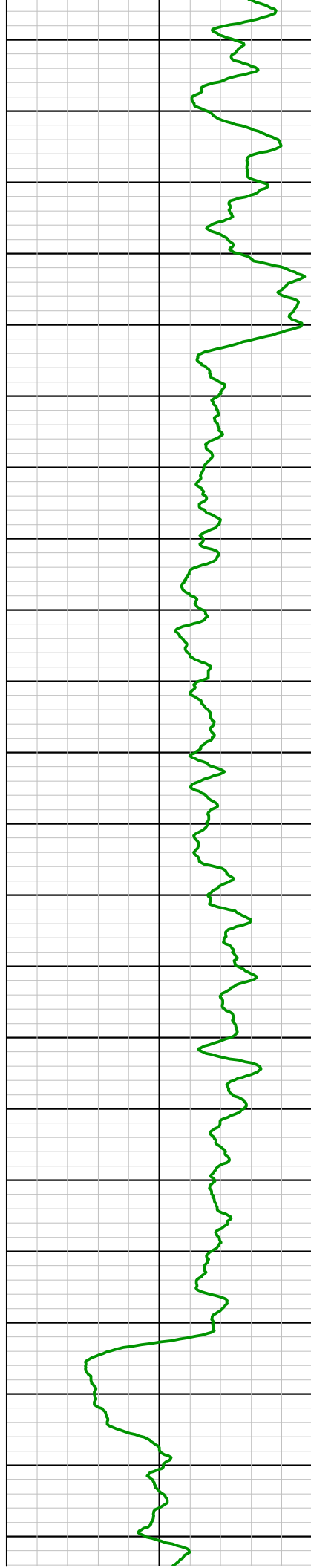
760.0

780.0

800.0

820.0





840.0

860.0

880.0

900.0

920.0

940.0

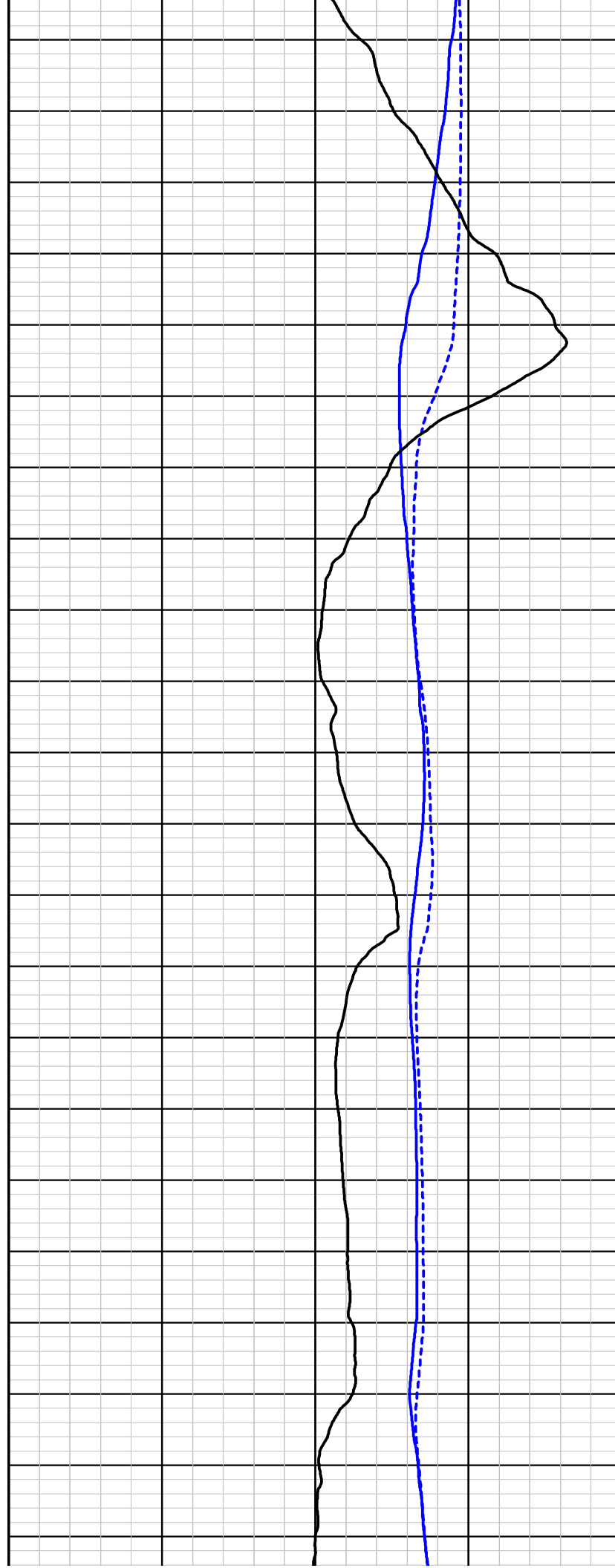
960.0

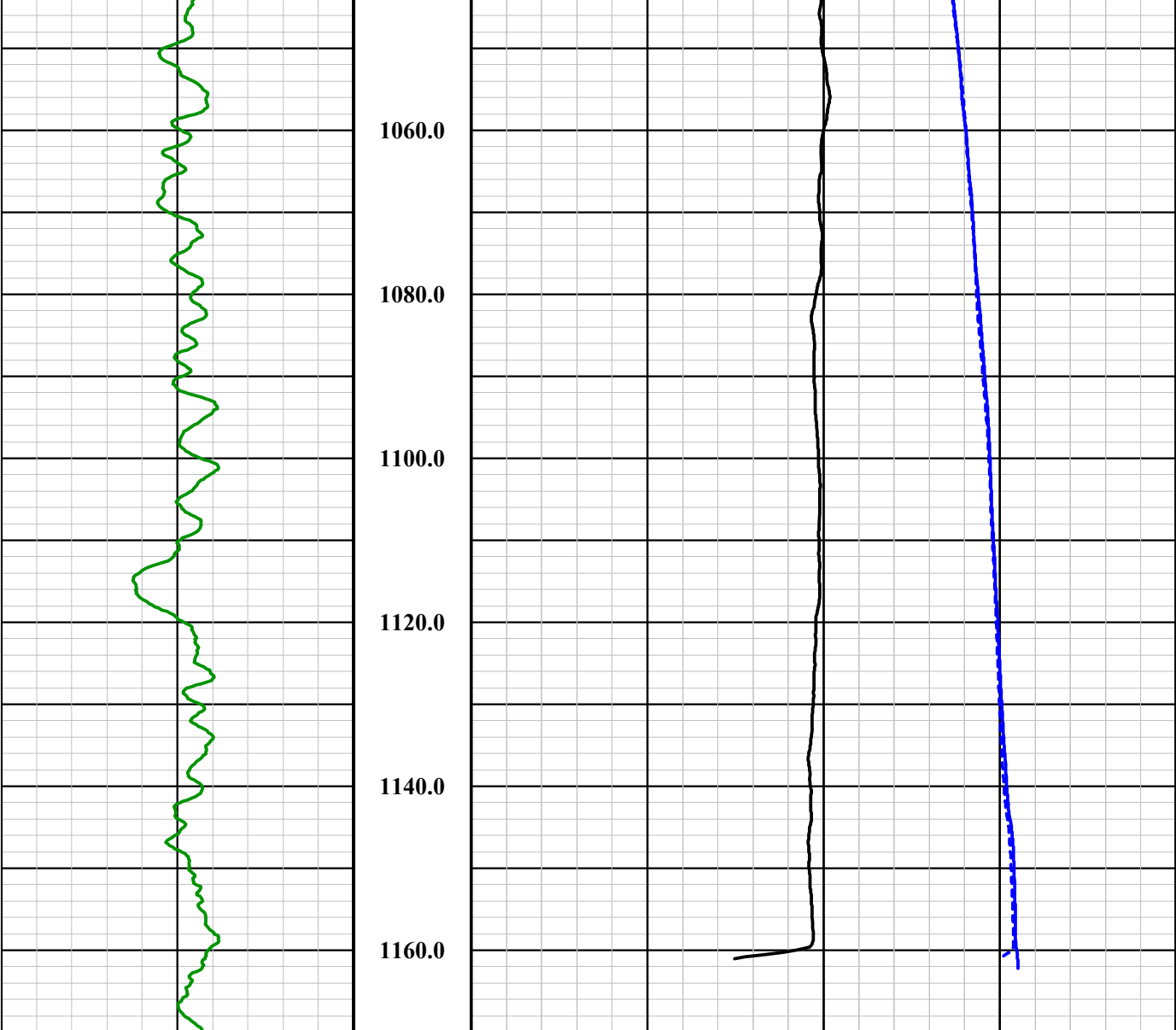
980.0

1000.0

1020.0

1040.0





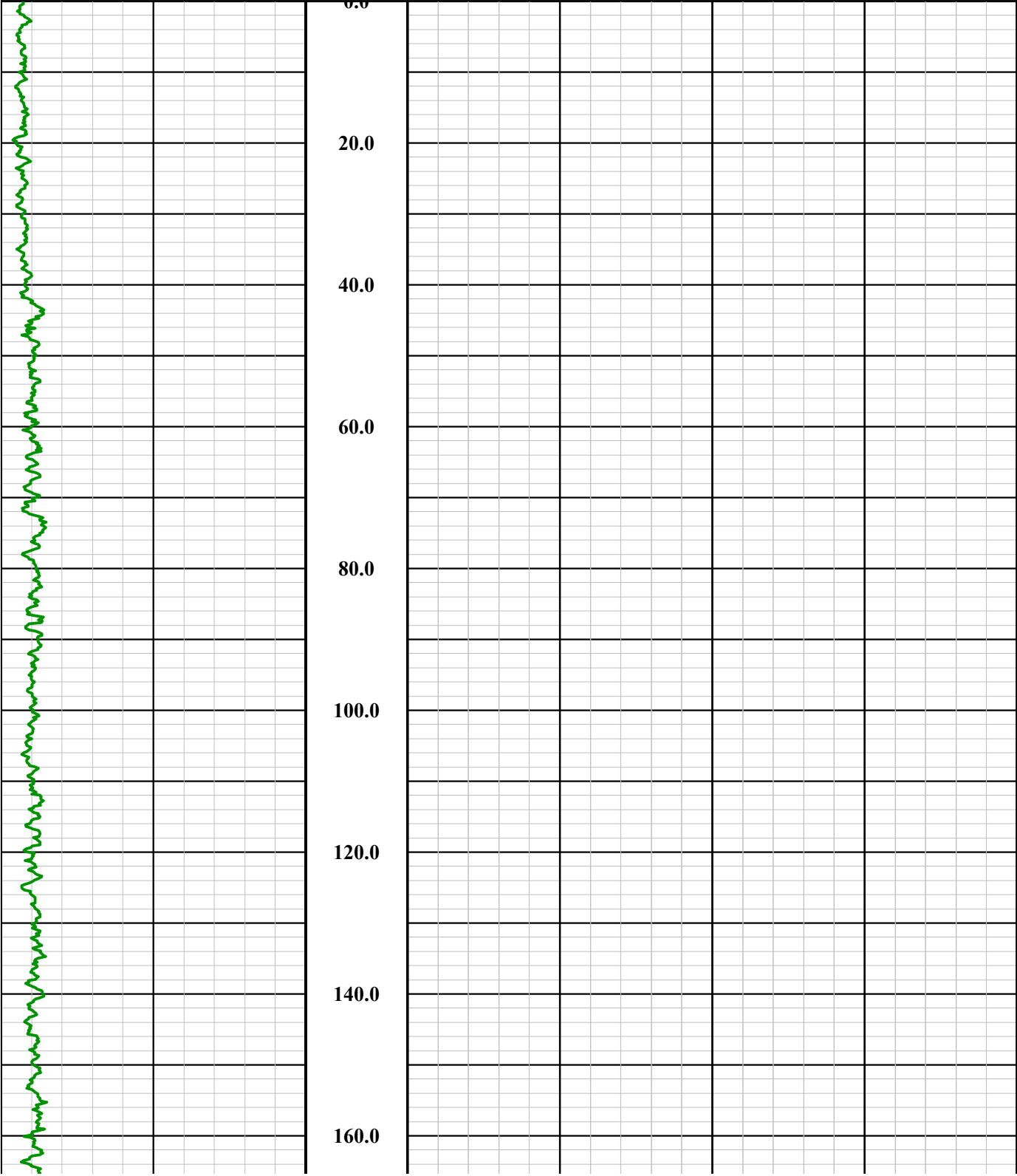
I-02 Temperature Evaluation

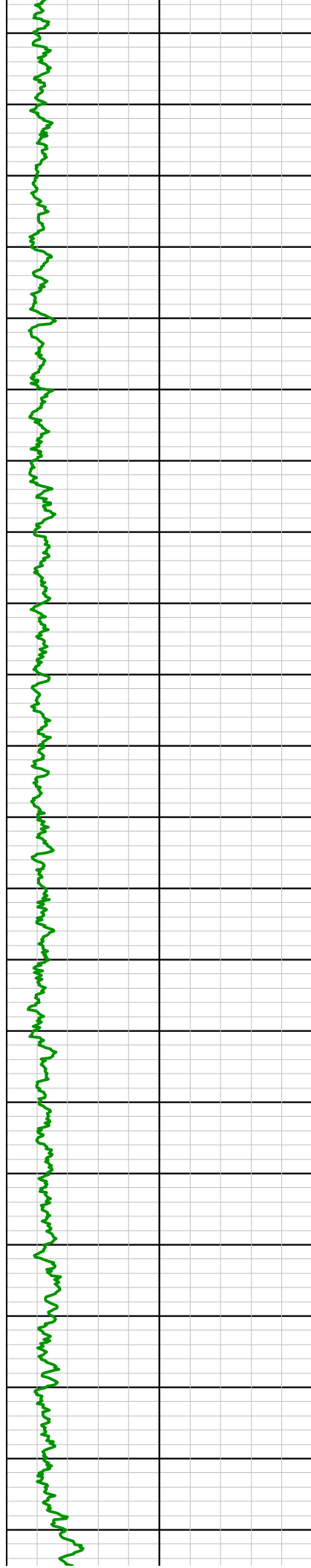
0	API	200
<hr/>		
Nat. Gamma		
Base of Lowermost USDW: 300 Ft		
Shut In Time: 24 Hours 0 Min		
Easting (NAD83): 847765.00		
Northing (NAD83): 746131.72		
Elevation: 1479.61 Ft		
Survey Date: 12/11/19		
Well Name: I-02		
Hole Information		

1in:20ft Depth	-4	Deg F	4
	<hr/>		
	Differential Temperature		
	55	Deg F	95
	<hr/>		
	Temperature (8:30 PM)		
	55	Deg F	95
	<hr/>		
	Temperature (4:30 PM)		

Hole Information	Depth	Temperature (7:13 AM)		
	1in:20ft	50	Deg F	90
Well Name: I-03		Temperature (11:13 AM)		
Survey Date: 12/18/19		50	Deg F	90
Elevation: 1477.77 Ft		Differential Temperature		
Northing (NAD83): 746061.32		-7	Deg F	7
Easting (NAD83): 847694.57				
Shut In Time: 24 Hours 0 Min				
Base of Lowermost USDW: 302 ft				
Nat. Gamma				
0	API	400		

I-03 Temperature Evaluation





180.0

200.0

220.0

240.0

260.0

280.0

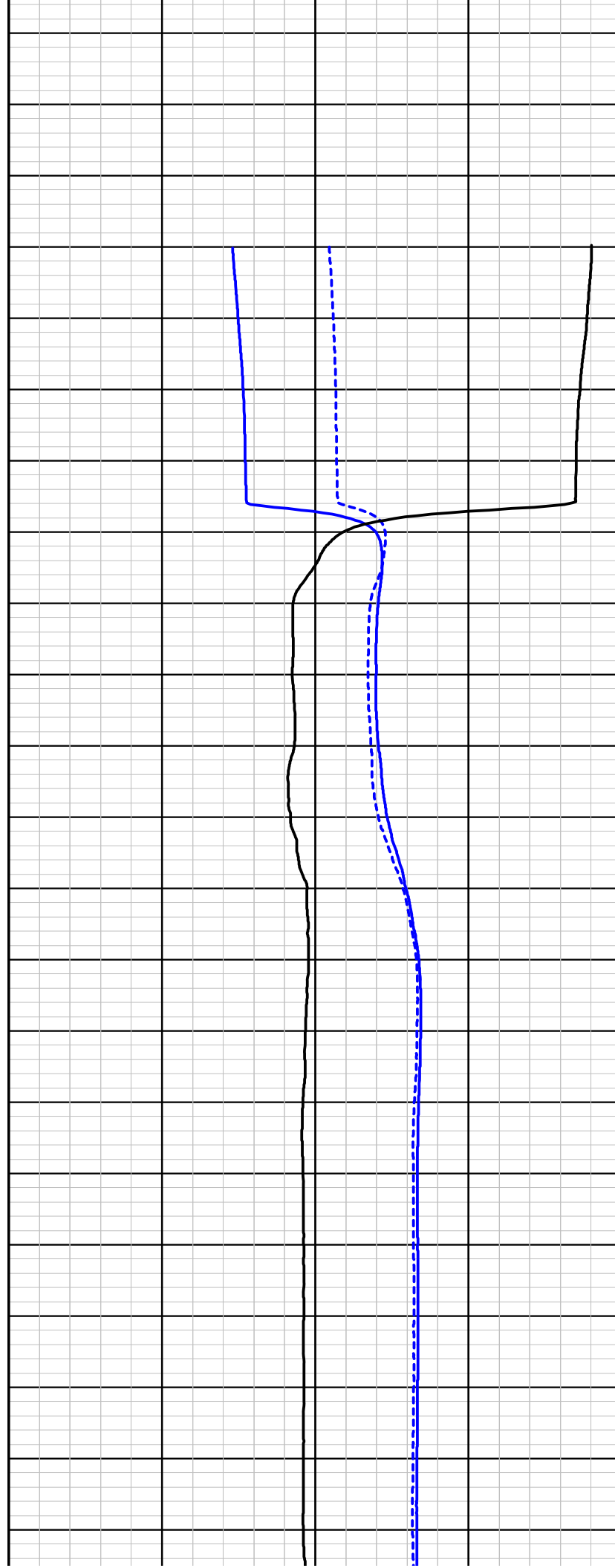
300.0

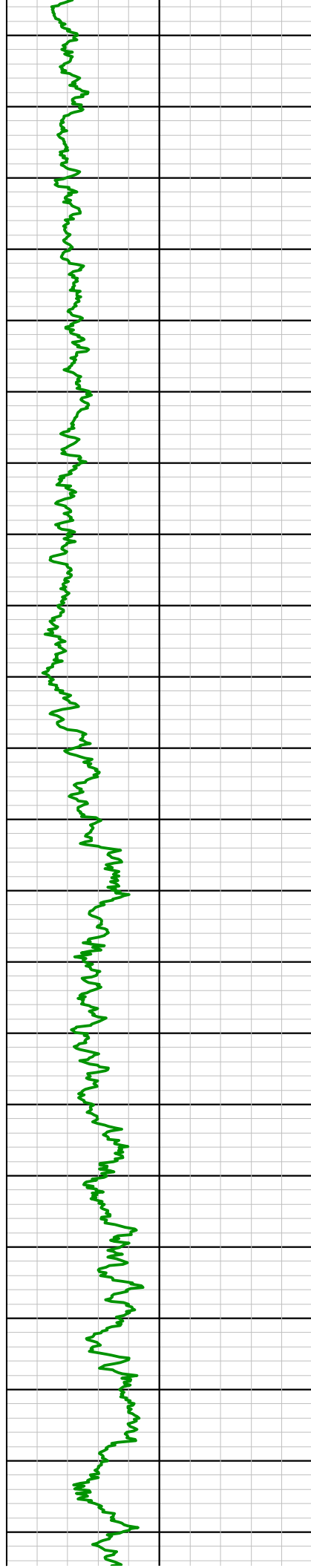
320.0

340.0

360.0

380.0





400.0

420.0

440.0

460.0

480.0

500.0

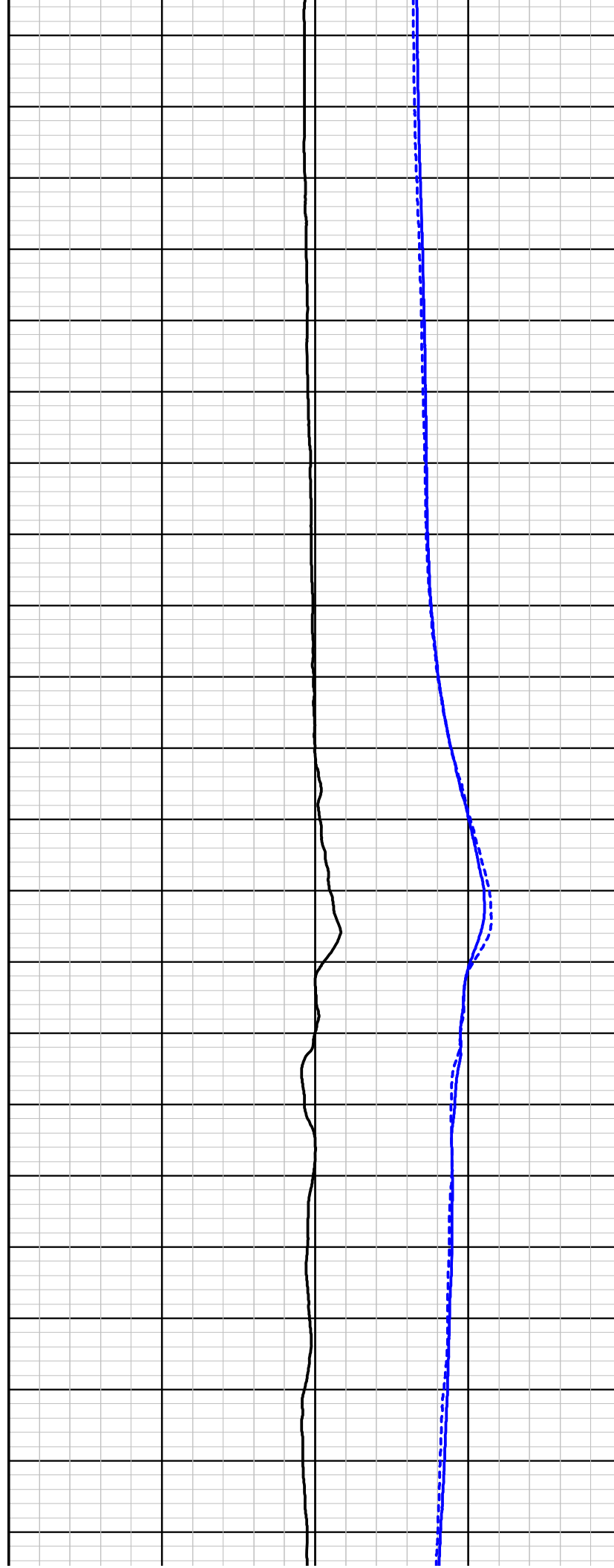
520.0

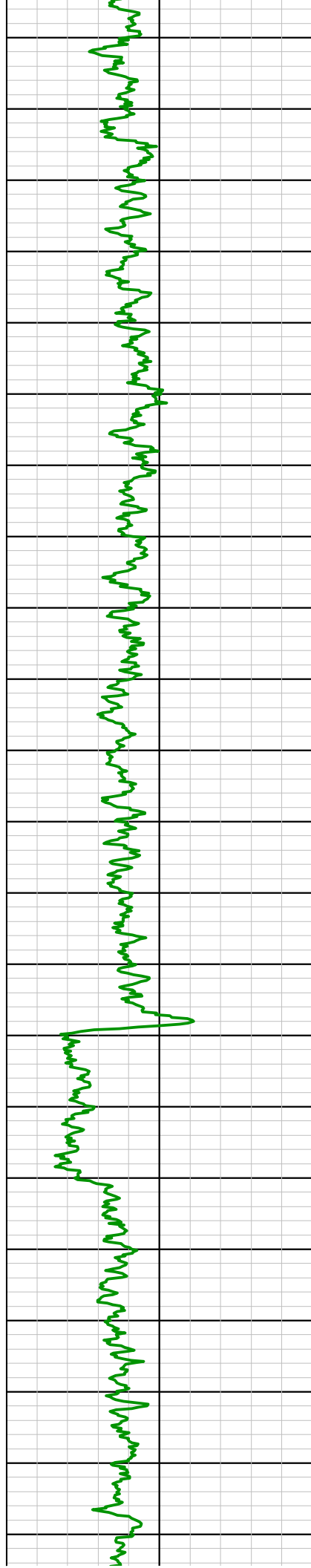
540.0

560.0

580.0

600.0





620.0

640.0

660.0

680.0

700.0

720.0

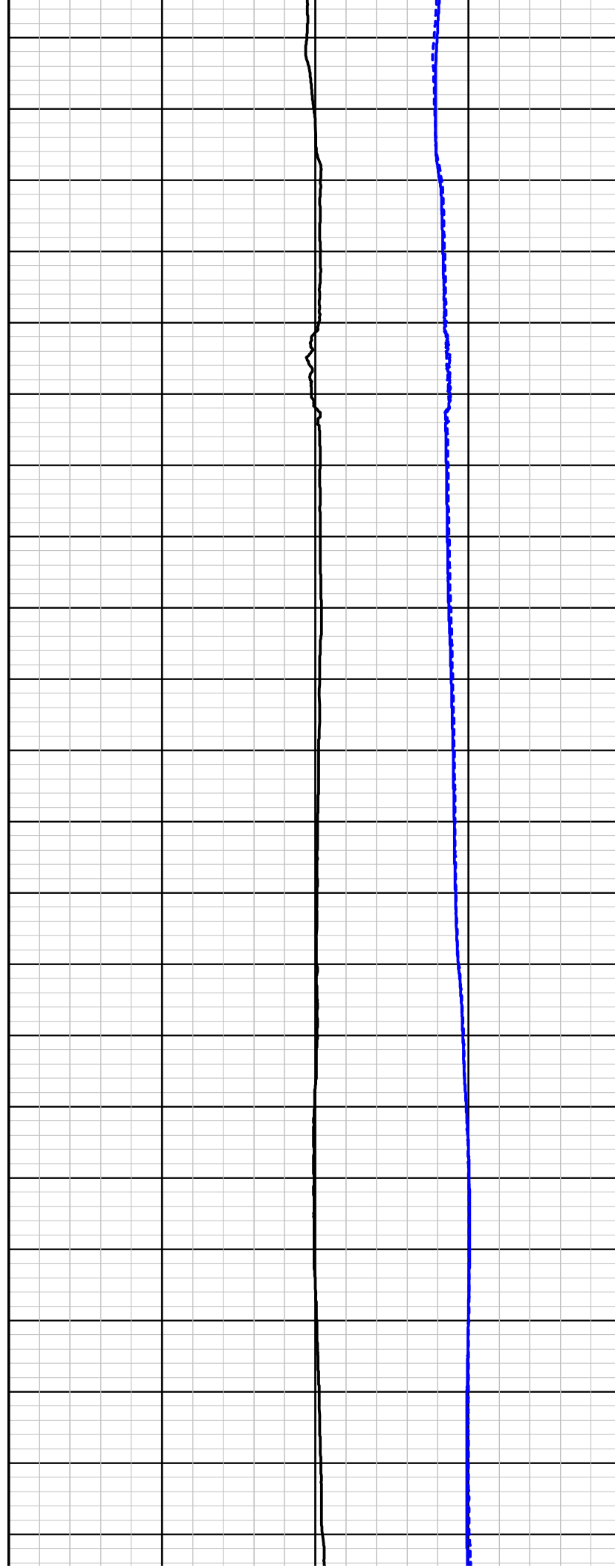
740.0

760.0

780.0

800.0

820.0

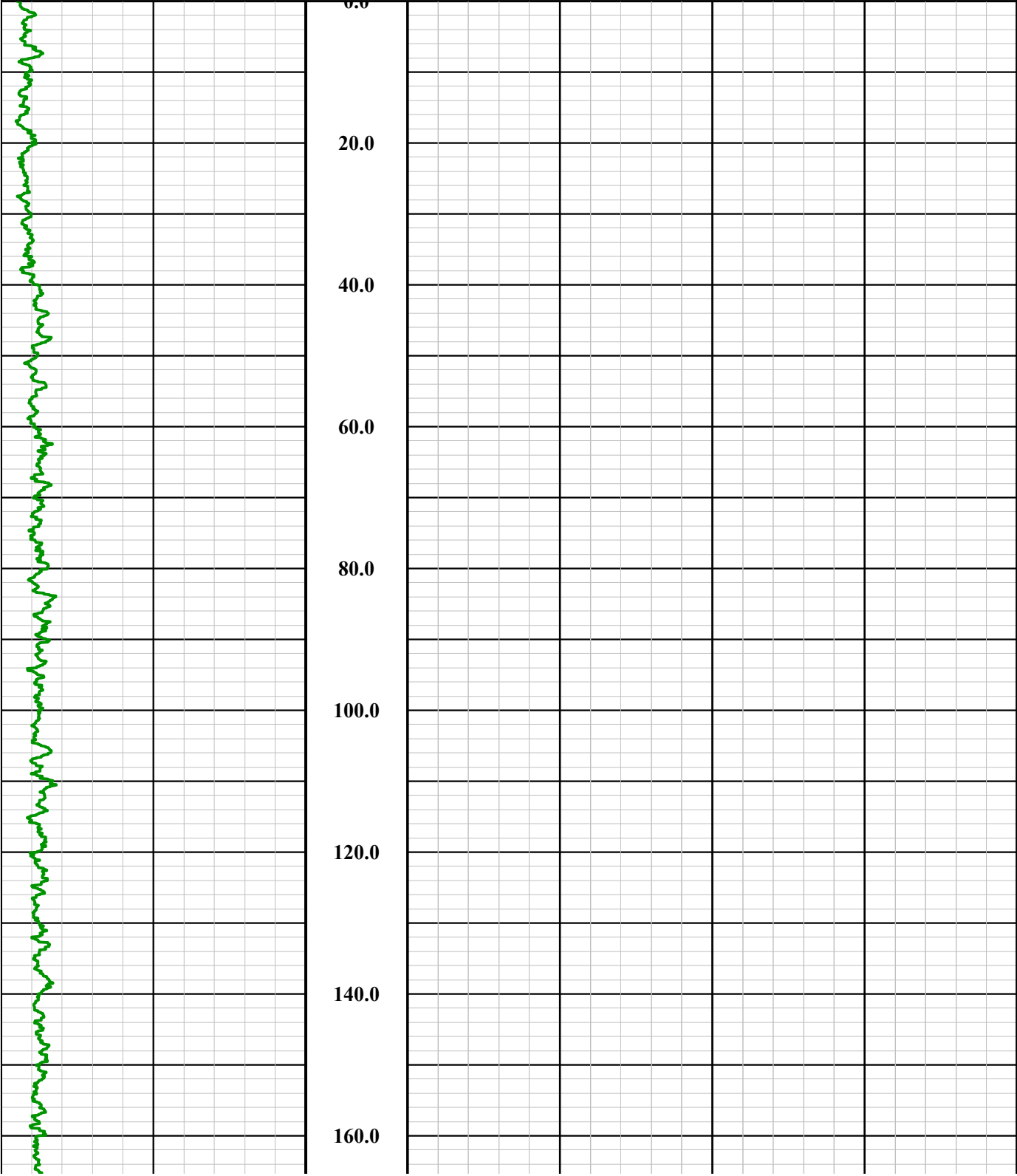


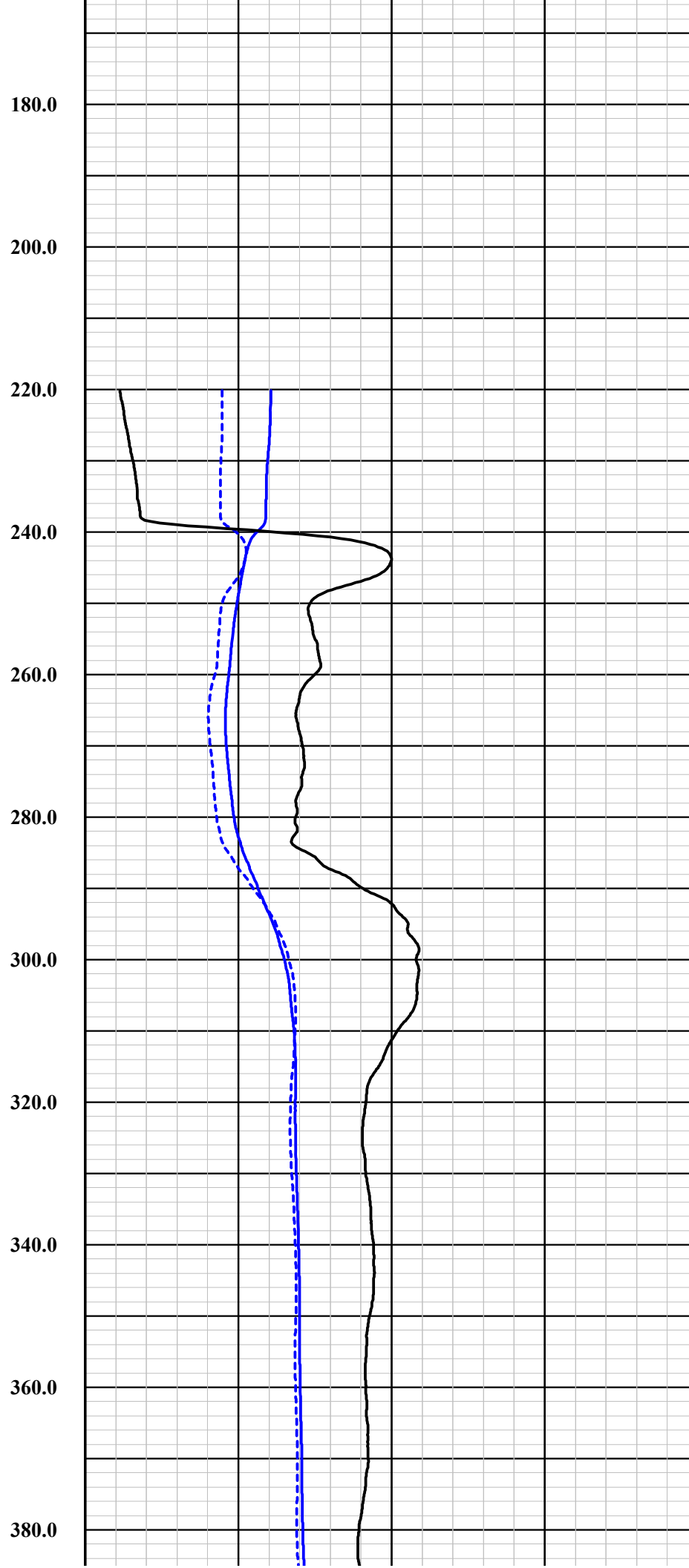
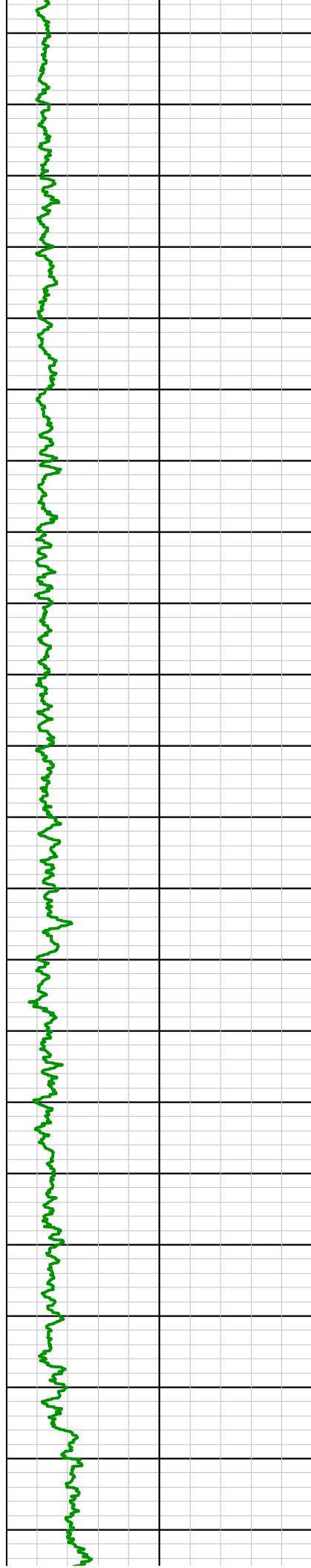


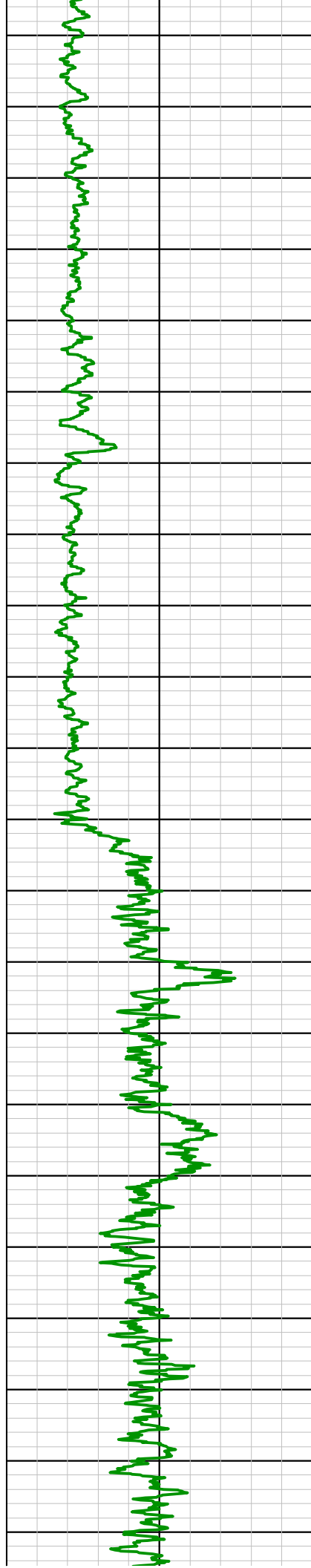
I-03 Temperature Evaluation			
0 API 400			
Nat. Gamma			
Base of Lowermost USDW: 302 ft Shut In Time: 24 Hours 0 Min Easting (NAD83): 847694.57 Northing (NAD83): 746061.32 Elevation: 1477.77 Ft Survey Date: 12/18/19 Well Name: I-03			
Hole Information			
	1 in:20 ft		
Depth			

Hole Information	Depth	Temperature (6:17 AM)	
	1 in:20ft	70	Deg F 90
Well Name: I-04		Temperature (8:17 PM)	
Survey Date: 12/14/2019		70	Deg F 90
Elevation: 1479.21 Ft		Differential Temperature	
Northing (NAD83): 746131.36		-1	Deg F 1
Easting (NAD83): 847623.89			
Shut In Time: 24 Hours 0 Min			
Base of Lowermost USDW: 300 Ft			
Nat. Gamma			
0	API	400	

I-04 Temperature Evaluation







400.0

420.0

440.0

460.0

480.0

500.0

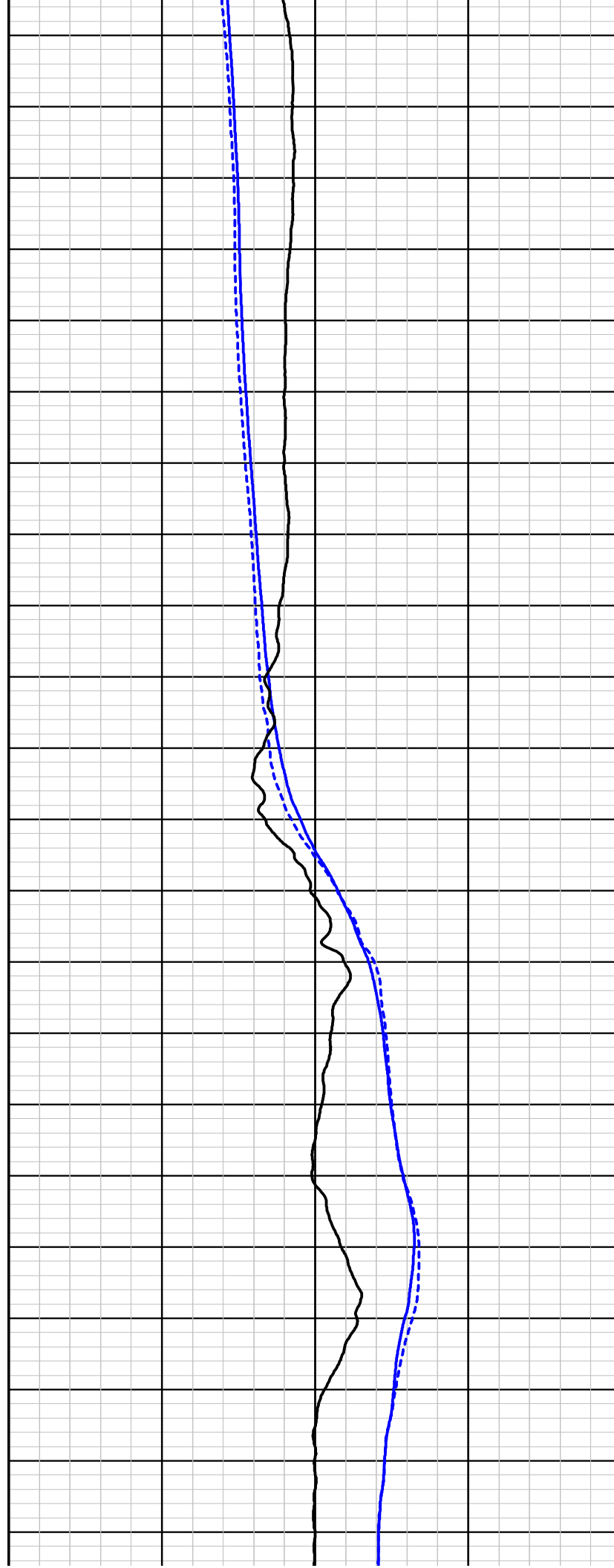
520.0

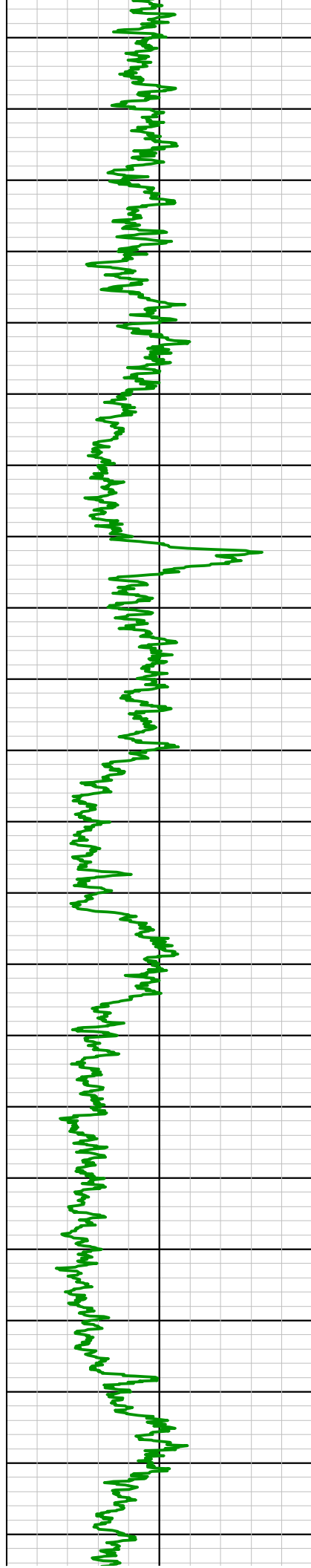
540.0

560.0

580.0

600.0





620.0

640.0

660.0

680.0

700.0

720.0

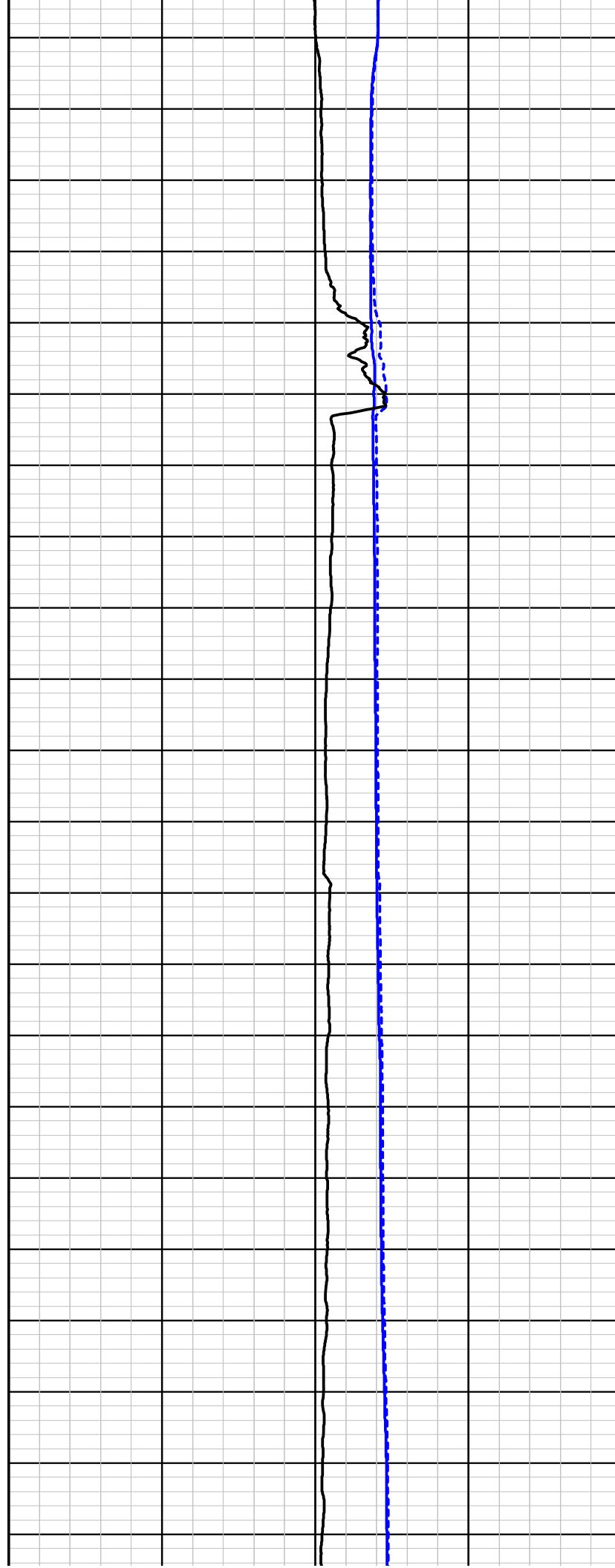
740.0

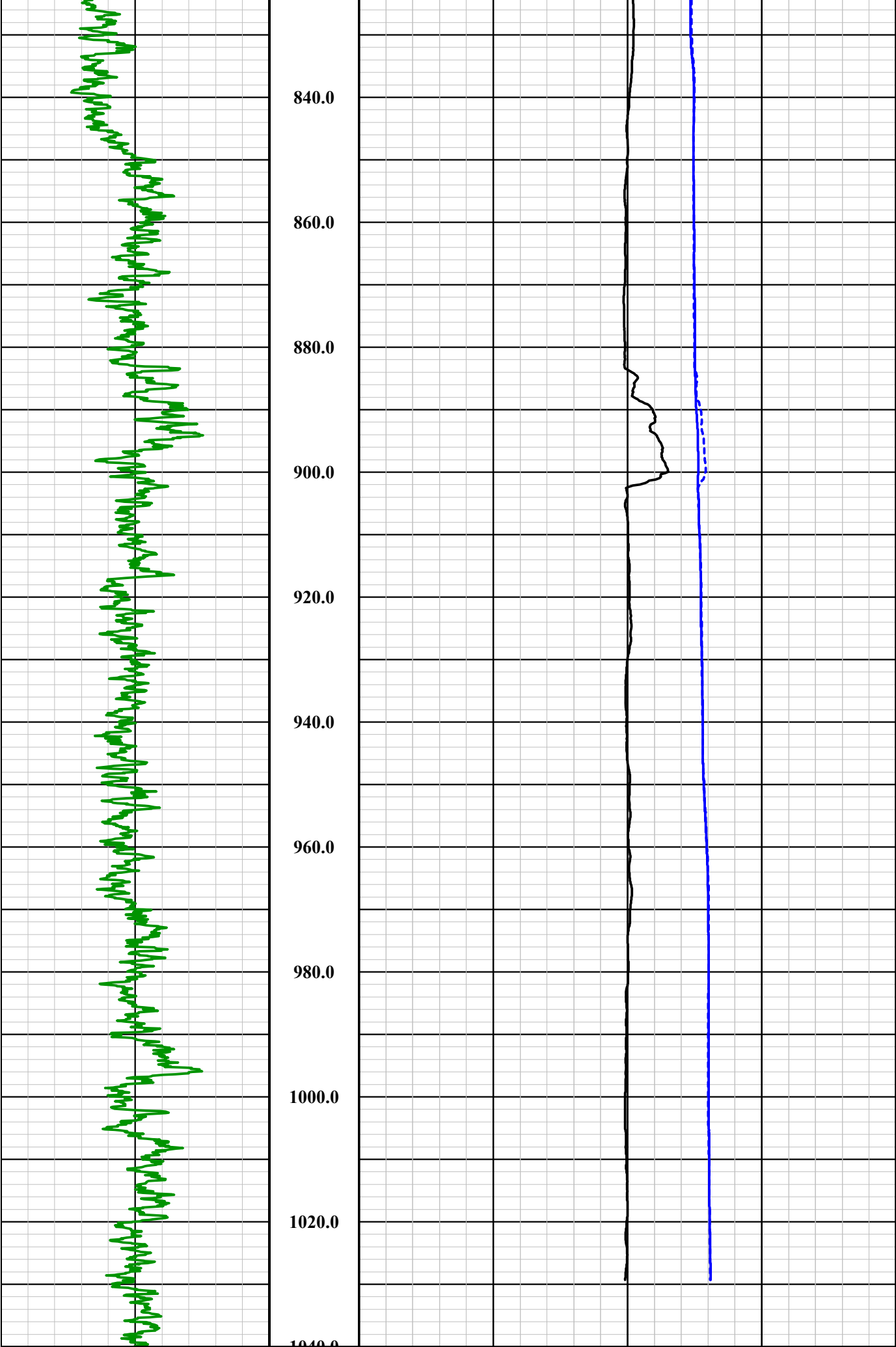
760.0

780.0

800.0

820.0





L04 Temperature Evaluation

I-04 Temperature Evaluation		
0 API 400		
Nat. Gamma		
Base of Lowermost USDW: 300 Ft		
Shut In Time: 24 Hours 0 Min		
Easting (NAD83): 847623.89		
Northing (NAD83): 746131.36		-1 Deg F 1
Elevation: 1479.21 Ft		Differential Temperature
Survey Date: 12/14/2019		70 Deg F 90
Well Name: I-04		Temperature (8:17 PM)
Hole Information	1in:20ft	70 Deg F 90
Depth		Temperature (6:17 AM)

APPENDIX D

Daily Average Flow Rates and Water Level Elevations

TABLE 1
DAILY AVERAGE FLOW RATES FOR INJECTION
AND RECOVERY WELLS DURING TEMPERATURE LOGGING
 FLORENCE COPPER INC.
 FLORENCE, ARIZONA

Date	I-01	I-02	I-03	I-04	R-01	R-02	R-03	R-04	R-05	R-06	R-07	R-08	R-09
12/5/2019	0.00	53.75	83.13	88.75	15.00	17.99	15.00	24.10	32.08	20.21	24.86	17.01	83.13
12/11/2019	40.14	0.00	55.00	55.07	10.07	15.00	15.14	15.35	15.00	15.00	16.04	15.00	50.07
12/14/2019	45.14	53.75	50.00	0.00	10.28	15.00	16.39	15.00	15.00	15.42	16.04	15.00	50.07
12/18/2019	45.14	55.00	0.00	50.07	10.21	15.00	15.76	15.07	15.00	15.07	15.97	15.07	50.14

Notes:

All measurements in gallons per minute.

TABLE 2
DAILY AVERAGE WATER LEVEL ELEVATIONS
DURING TEMPERATURE LOGGING
FLORENCE COPPER INC.
FLORENCE, ARIZONA

Date	R-01	O-01	O-07	R-02	O-01	O-02	R-03	O-02	O-03	R-04	O-03	R-05	O-04	R-06	O-04	O-05	R-07	O-05	O-06	R-08	O-06	O-07	R-09
12/5/2019	1239.43	1245.60	1247.57	1215.69	1245.60	1245.39	1198.78	1245.39	NA	1151.96	NA	1177.64	1248.99	1197.13	1248.99	1248.20	1244.72	1248.20	1247.78	1235.45	1247.78	1247.57	1212.506634
12/11/2019	1244.26	1248.43	1249.93	1222.34	1248.43	1247.18	1197.77	1247.18	NA	1177.08	NA	1214.90	1250.59	1210.18	1250.59	1250.17	1247.83	1250.17	1249.85	1239.24	1249.85	1249.93	1211.167358
12/14/2019	1245.26	1251.65	1250.18	1226.77	1251.65	1251.44	1198.39	1251.44	1261.95	1178.77	1261.95	1215.78	1250.71	1206.61	1250.71	1249.80	1247.29	1249.80	1249.51	1239.09	1249.51	1250.18	1212.275189
12/18/2019	1247.23	1253.07	1252.01	1226.90	1253.07	1252.19	1198.38	1252.19	NA	1172.86	NA	1213.21	1251.24	1209.56	1251.24	1251.65	1250.18	1251.65	1251.87	1244.41	1251.87	1252.01	1211.428699

Notes:

All measurements in elevation above mean sea level.

NA or NM = Not measured or otherwise not available

No data were available for the following dates/wells:

11/26/2019 - 12/5/2019: O-03 Bladder pump/tubing retrieval

12/10/2019 - 12/12/2019: O-03 Bladder pump/tubing retrieval

12/18/2019 - 12/19/2019: O-03 Bladder pump/tubing retrieval and redevelopment